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LIBRARY NEWSLETTER

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Extension 250

Agricultural economics

Agriculture's wartime production capacity for 1946, Washington. Washington.

Agricultural experiment station. A.E. 8, 16 p. 1945. 281.9 W2722

Washington Agricultural Extension Service and U.S. Bureau of Agricultural Economics cooperating.

Peach production costs in the Yakima Valley, Washington, 1943 and 1944, by B.D. Parrish. Washington. Agricultural experiment station. Bulletin no.467, 12 p. 1945. 100 Wash. Bul. no.467.

Agricultural extension

FARMERS OF THE WORLD; THE DEVELOPMENT OF AGRICULTURAL EXTENSION, ed. by Edmund de Schweinitz Brunner, Irwin T. Sanders and Douglas Ensminger. 208 p. New York, Columbia university press, 1945. 275.2 B83

A record of work all over the earth in teaching modern scientific techniques of agriculture and of living to rural communities. Countries which rate special chapters are: China, India, Arabia, United States, Balkans, Latin America and the United Kingdom.

Reviewed in USDA, October 1, 1945.

Anderson

Clinton P. Anderson, Secretary of agriculture. 5 p. Washington, D.C., 1945. Pamphlet.

"A biography prepared in the Office of information, U.S. Department of agriculture, in December 1945."

Bees

THE GOLDEN THROG, A BOOK ABOUT BEES, by Edwin Way Teale. 208 p. New York, Dodd, 1945. 426 T22 1945

Anyone who read his former book, Grassroot jungles, will be glad to know about this one. The author is considered the foremost writer of the day on insects. He is an expert photographer as well, so the illustrations are beautiful and unusual. The style reflects Teale's own interest and absorption in bees. His curiosity has resulted in intriguing facts about them which make an appeal to any reader who is at all interested in nature.

Drainage

THE PRINCIPLES OF FIELD DRAINAGE, by H.H. Nicholson. 165 p. Cambridge, Eng., University press, 1944. 54 N52 1944

The author's object is to interest and assist those whose business it is to organize, advise and supervise works of field drainage. It contains material on soil science, mole drains, field drainage problems, especially on heavy land. Technicalities of surveying and engineering are not included.

Employment

Will negroes get jobs now? by Herbert R. Northrup. 31 p. N.Y., Public affairs committee, 1945. Public affairs pamphlet no.110. 280.9 P964 no.110.

Farms

Building with logs, by Clyde F. Fickes and W. Ellis Groben. U.S. Dept. of agriculture. Miscellaneous publication no.579, 56 p. 1945. 1 Agc4M no.579
Farm real estate market activity, Western region, 1941-44, by Harvey V. Stonecipher and Dora Dunn. 45 p. Berkeley, Calif., U.S. Bureau of agricultural economics, 1945. 1.941 L8F22

Food

Cooling over the camp-fire. 24 p. Washington, D.C., U.S. Forest service, 1945. 1.962 A2C77

This tells how to plan for adequate rations and equipment. Recipes and helpful hints are given.

Food preservation

Refrigeration requirements of food processors, by Tyler Stevens and Daniel Maloney 46 p. Washington, D.C., 1944. 1.9424 M2R25

Issued by U.S. War food administration. Office of materials and facilities.

Refrigeration rules and regulations for government shipments of perishable products, by Harold D. Johnson, William L. Arnold and C.E. Garner, Jr. 92 p. Washington, 1944. 1.9422 A36R25

Compiled from the rules and regulations shown in the National Perishable Protective Tariff no.12, J.J. Quin's ICC no.19.

Forestry

Cascara - a crop from West Coast tree farms, by Albert Arnst. In Journal of forestry 43(11): 805-811, November 1945.

FOREST COVER TYPES OF WESTERN NORTH AMERICA. 35 p. Washington, D.C., Society of American foresters, Committee on western forest types, 1945. 99.34 Sol2W

This revision of the western classification is intended to develop more unity of terminology. There is no attempt to cite all the variants and synonyms in the entire forestry literature as was done for the East, on the ground that most of the cases are of historical interest only, dating back prior to 1913 when the terminology was pretty well standardized throughout the West. The list is arranged in natural groups starting with those characteristic of the coldest region and working toward the warmer. Of special interest in this region will be the Middle elevations, interior (Douglas-fir zone group) and North Pacific types (Douglas-fir associated group).

Wood is an amazing crop, by Arnold Nicholson. In Country gentleman 116(1):12-13, 74. January 1945.

Sawdust piles and other wood waste can now be utilized to produce good protein feed.

THE WOODLOT FORESTER'S TOOL KIT, compiled by U.S. Forest service. North Central region. 72 p. Milwaukee, Wis., 1945. 1.9621 R9W85

Health

GOVERNMENT IN PUBLIC HEALTH, by Harry Stoll Mustard. 219 p. New York, Commonwealth fund, 1945. 449.1 M97 (Studies of the New York academy of medicine. Committee on medicine and the changing order)

The author describes local responsibility for public health activity, and the growing interest and concern for public health programs on the part of the state and federal governments.

HEALTH ON THE HOME FRONT, by Arthur N. Donaldson. 92 p. Mountain View, Calif. Pacific press publishing association, 1945. 449 D71

"The author of this book has set forth the simple, practical home treatments that medical authorities have found most valuable."

MEDICAL SERVICE PLANS; a report. 72 p. Chicago, American medical association, Bureau of medical economics, 1943. 284.6 Am34

Included is a supplement, 8 p. 1944.

"The purpose of this report is to describe some of the main types of the newer organizational arrangements for the distribution of medical care."

There is a short history of the growth of medical organizations and social security legislation followed by chapters on Care of the indigent, U.S. Farm security administration, Medical care plans in operation in various parts of the U.S. and experience with prepayment plans.

Rural water-supply sanitation. Recommendations of the Joint committee on rural sanitation. U.S. Public health service. Public health reports, Supplement no.185, 56 p. Washington, U.S. Govt. print. off., 1945. 151.65 P96 Sup.185.

Home economics

A pattern motion study. Washington. State college. Extension service.

Extension bulletin no.328, 6 p. 1945. 100 Wash. Ext. bul. no.328.

Planning adequate bathrooms, by Esther Pond. Washington. State college.

Extension service. Extension bulletin no.332, 18 p. 1945. 100 Wash. Ext. bul. no.332.

Horticulture

Cashew nuts, by Georgia E. Cantrell. 53 p. Washington, D.C., 1945. 1.9422 A2C26

Issued by the War food administration, Office of marketing services.

NEW CROPS FOR THE NEW WORLD, edited by Charles Morrow Wilson. 295 p. New York, Macmillan co., 1945. 31 W69

World War II has witnessed and in some part, caused, the most widespread and potentially the most beneficent migration of crops in known history. In this book, sixteen authorities discuss the tropical crops which may be grown in the Western Hemisphere to replace the crops which we have depended upon in the Far East. Principal crops mentioned are: Maize, Palm oils, Rubber, Cinchona, Silks, Bamboos, Peppers, Cane sugar, Flowers and Fruit. There are chapters on Forest resources of Tropical America, Biological control of insect pests, Drug crops, Fashioning of livestock breeds, and Introduction of new plants.

Housing

SUNSET'S CABIN PLAN BOOK, ed. by Ralph P. Dillon. 63 p. San Francisco, Sunset magazine, 1938. 296 D58

Nearness to vacation lands make us alive to its possibilities. The collection of cabin plans in this book is representative of the best in Western vacation-home designing, whether in the woods or on the beach. It is well illustrated and contains many helpful hints on water supply and sanitary facilities, cabin foundations, fireplaces, construction details, conveniences and furniture items such as bunks. There is a section on barbecue appliances.

Good ideas for inexpensive housing.

Insecticides

Effects of DDT and other insecticides on several species of potato insects, by Roscoe E. Hill. Nebraska. Agricultural experiment station. Research bulletin 138, 14 p. 1945. 100 Nebr. Res. bul. no.138.

Experiments in the use of DDT and other insecticides for control of the spruce budworm in Colorado in 1944, by L.W. Orr and N.D. Wygant. U.S. Bureau of entomology and plant quarantine, E-669, 10 p. 1945. 1.9 En33 no.669.
Results of laboratory and field tests with DDT against the pea weevil, by Tom A. Brindley and Ralph Schopp. U.S. Dept. of agriculture. Bureau of entomology and plant quarantine. E-668, 10 p. 1945. 1.9 En33 no.668.
Suggestions regarding the use of DDT by civilians. 10 p. Washington, 1945. 1.98 Su3
Issued by the U.S. Dept. of agriculture, Agricultural research administration.

Livestock

Artificial breeding associations, financial and general information, by D. Curtis Mumford, I.R. Jones and H.P. Ewalt. Oregon. Agricultural experiment station. Station circular of information no.371, 6 p. 1945. 100 Oreg. S.C.O.I. no.371.
Brucellosis (Undulant fever), the relation of the disease to dairy products, review of scientific data, by Roger W. Morse, O.H. Muth, and G.H. Wilster. Oregon. agricultural experiment station. 71 p. 1945. 100 Or3B
Fattening good and common grade steers in Southeastern coastal plains, by W.H. Black and B.L. Southwell. U.S. Dept. of agriculture. Technical bulletin no.904, 13 p. 1945. 1 Ag84Te no.904.
Protein supplements in pig rations, by F.B. Headley. Nevada. Agricultural experiment station. Bulletin no.175, 13 p. 1945. 100 Nev. Bul. no.175
A comparison of the effects of protein supplements fed to pigs on alfalfa pasture and in dry lot.

Prices

AGRICULTURAL PRICE CONTROL, by Geoffrey S. Shepherd. 361 p. Ames, Ia., Collegiate press, inc., 1945. 284.3 Sh4A
Part I reports on controlling agricultural prices by controlling the supply; Part II, controlling agricultural prices by controlling the demand; Part III Marketing agreements; and Part IV, The problem of controlling agricultural prices after world war II. The book deals more with price floors than ceilings because the author thinks the former basic to peace and war while price ceilings are a wartime measure.

Range management

The ability of certain legume-grass mixtures to withstand grazing. New Mexico. Agricultural experiment station. Press bulletin 1007, 1 p. 1945. 100 N465
Deer management and range livestock production, by L.A. Stoddart and D.I. Rasmussen. Utah. Agricultural experiment station. Circular 121, 17 p. Logan, Utah, 1945. 100 Utah Cir. no.121.
Improving California ranges, by Burle J. Jones and R.M. Love. Calif. Univ. Extension service. Circular no.129, 48 p. 1945. 100 Calif. (Ext) Cir. no.129
Range condition. 4 numbers.
Issued by U.S. Soil conservation service. Pacific coast region. Contents:
A classification of the annual grass-weed forage type, by J.B. Rogers. 8 p. July 1945.
A classification of the annual type of vegetation found within the Soil conservation districts in San Diego county, California, by Vernon A. Young. 10 p. July 1945.
A classification of the grassland-juniper type of central Oregon, by Chandler Jensen. 12 p. June 1945.
A classification of the Palouse grass type, by R.R. Humphrey. 12 p. May 1945.

Seeding grass on deteriorated aspen range, by A. Perry Plummer and George Stewart. U.S. Intermountain forest and range experiment station. Research paper no.11, 6 p. 1944. 1.9622 I2R31 no.11.

Rural sociology

PLAINVILLE, U.S.A., by James West. 230 p. New York, Columbia university press, 1945. 280.12 W523

The author describes certain phases in the life of a small contemporary rural community. Because it is based on actual facts, all place names and personal names have been withheld or altered. Plainville is a small town in the central part of the United States.

The book was reviewed in USDA, October 1, 1945. It is of special interest to the Department of agriculture because of the opinions of our agencies which are given.

Soil

MANUAL OF SOIL FUNGI, by Joseph C. Gilman. 392 p. Ames, Ia., Collegiate press, 1945. 462 G42

The author says in the Preface that this book is designed to place a tool in the hands of investigators that will enable them to identify the soil fungi which they may encounter in the course of their work. It contains descriptions of the fungi which have been reported as isolated from the soil, together with keys to aid in identifying the fungi in hand.

SOIL SCIENCE SOCIETY OF AMERICA. Proceedings. 1944. Morantown, W. Va., 1945. 46.9 So3 v.9, 1944.

The six sections contain papers on the following subjects: Soil physics, Soil chemistry, Soil microbiology, Soil fertility, Soil genesis, morphology and cartography, and Soil technology.

Soil conservation

Effect of contour cultivation on crop yield, runoff and erosion losses, by J.H. Stallings. 12 p. Washington, D.C., 1945. 1.96 R31Efy

Issued by U.S. Dept. of agriculture. Soil conservation service.

Lessons from the land, by Walter W. John. 8 p. Washington, D.C., 1944. 1.9605 Un3

Issued by U.S. Soil conservation service.

Soil and water conservation needs estimates for the Pacific region. Rev. 23 p. Washington, D.C., 1945. 1.96 I22Sop

Issued by U.S. Soil conservation service.

Also have the report for the U.S. by states. 1945. 1.96 I22So

United Nations

United nations proposals for world security, a review of the Dumbarton Oaks plan, the basic consideration at the San Francisco conference. Oregon. State college. Extension service. Extension circular no.457, 8 p. 1945. 100 .Oreg. Ext. cir. no.457.

Weeds

Control of aquatic weeds, by Arnold H. Haverlee. In Soap and sanitary chemicals 21(11):35-37. November 1945.

West

IF THE PROSPECT PLEASES: THE WEST THE GUIDEBOOKS NEVER MENTION, by Ladd Haystead. 208 p. Norman, University of Oklahoma press, 1945. 280.003 H33

himself a Westerner, the author traces the ups and downs in the development of that part of the U.S. which lies west of the 100th meridian. Each major

industry of the West, including agriculture, tourist trade and politics, has been studied with an eye to the future. Mr. Haystead feels it is a great mistake to abandon sections of agricultural country because of continued drouth and winds, for, he says, the years when the rain does come produce a yield worth while. He advocates harnessing the Missouri River both for irrigation purposes and for electric power, the latter not for development of manufacturing but to electrify thousands of farms to which electricity is not now available. He is concerned about postwar conditions in the West where so many war plants have attracted large numbers of persons. He says the book is written "to give service men, war workers and just ordinary folks...a fairly comprehensive and critical view of the West as it is - not as Greeley, Lummis, and others thought of it." - Agricultural leaders' digest, July 1945, p.28.

Also reviewed in USDA, July 9, 1945 and Soil Conservation, October 1945, p.93-94.

LAST MOUNTAINS; THE STORY OF THE CASCADES, by Robert Ormond Case and Victoria Case. 236 p. Garden City, N.Y., Doubleday, 1945. 125 C26

"The authors have endeavored to present as accurate and well-balanced a view of the Cascades as space and the limitations of their own enthusiasm permit. Having personally scaled some of the range's major peaks, crossed all its highways, fished most of its famous streams and traversed its length, they are conscious of...perhaps too intimate contact with the magnificent barrier. All those who have enjoyed similar experiences will enjoy reading this book." It provides a refreshing tour through breathless scenery and historic landmarks. There are chapters also on geology, timber, Indians, Pendleton roundup, Rose festival and Whiskey Gulch.

Wildlife

Capturing foxes, by F.E. Garlough. U.S. Dept. of the interior. Fish and wildlife service. Circular no.8, 11 p. 1945. 156.2 C49 no.8.

Homes for birds, by E.R. Kalmbach and W.L. McItee. U.S. Dept. of the interior. Fish and wildlife service. Conservation bulletin no.14, 24 p. 1942. 156.22 F52C no.14.

Local bird refuges, by W.L. McItee. U.S. Dept. of the interior. Fish and wildlife service. Conservation bulletin no.17, 17 p. 1942. 156.22 F52C no.17.

The mourning dove as a game bird, by Frederick C. Lincoln. U.S. Dept. of the interior. Fish and wildlife service. Circular 10, 8 p. Washington, U.S. Govt. print. off., 1945. 156.2 C49 no.10.

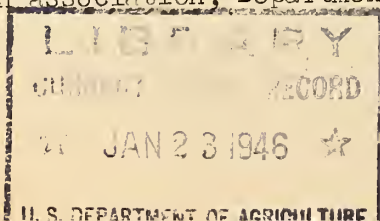
Women

Women's emergency farm service on the Pacific Coast in 1943. U.S. Dept. of labor. Women's bureau. Bulletin no.204, 36 p. Washington, U.S. Govt. print. off., 1945. 158.92 B97 no.204.

Youth

YOUTH IN THE RURAL COMMUNITY, By Walter Book and others. 30 p. Washington, D.C., 1945. Pamphlet. Youth.

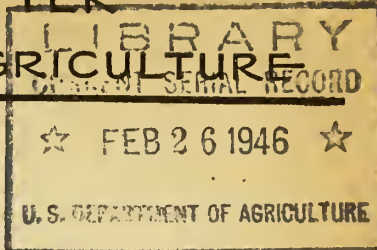
Published cooperatively by American country life association, Youth section; American institute of cooperation; American vocational association, inc.; U.S. Department of agriculture, Extension service, and National education association, Department of rural education.



Marie L. Gould
Marie L. Gould, Librarian

LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE



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Extension 250

Agricultural economics

Cost of producing apples and pears in the Hood River Valley, Oregon, by Gustav W. Kuhlman, John H. Blosser and D. Curtis Mumford. Oregon. Agricultural experiment station. Station bulletin 429, 22 p. 1945. 100 Oreg. Sta. bul. no.429.

Japanese farm holdings on the Pacific Coast, by Adon Poli. 25 p. Berkeley, Calif., 1944. 1.941 R4J272

Issued by U.S. Dept. of agriculture, Bureau of agricultural economics. Includes farm acquisition, alien land laws, farm tenure, probable postwar farm holdings.

Livestock, meats and wool market statistics and related data, 1944. U.S. Dept. of agriculture. Production and marketing administration. Livestock branch. CS-14, 77 p. 1945. 1.9 Ec713Ls 1944.

Birds

THE BOOK OF BIRDS, the first work presenting in full color all the major species of the United States and Canada, ed. by Gilbert Grosvenor and Alexander Wetmore. 2 vols. Washington, D.C., National geographic society, 1939. 413 N21B Vol.1-2

We are very glad to have this set in Portland Branch. The publications of the National geographic society are well known for reliability of research and beauty of illustrations. This set has 950 color portraits of birds and 232 monochrome photographs showing various aspects of bird life. Maps reveal the remarkable new developments in the study of bird migration through bird-banding.

Botany

Collecting data and specimens for study of economic plants, by W. Andrew Archer. U.S. Dept. of agriculture. Miscellaneous publication no.568, 52 p. 1945. 1 Ag84M no.568.

A MANUAL OF AQUATIC PLANTS, by Norman C. Fassett. 382 p. New York, McGraw-Hill book company, inc., 1940. 455.2 F26

"The aim of this book is to make possible the identification of aquatic plants in sterile as well as in flowering or fruiting condition... An aquatic is defined as a plant that may, under normal conditions, germinate and grow with at least its base in the water and is large enough to be seen with the naked eye. Bogs...are excluded from this work, as are small woodland brooks, waterfalls, tidal, salt and brackish waters."

Exhibits

Handbook on preparing an FSA exhibit, by Frances Fox. 11 p. 1945. 1.95 In3H19
Issued by U.S. Farm security administration, Information division.

Entomology

Crickets in the home. U.S. Dept. of agriculture. Bureau of entomology and plant quarantine. E-331, 3 p. Rev. 1945. 1.9 En83 no.331, rev.

FIELD BOOK OF INSECTS OF THE UNITED STATES AND CANADA, aiming to answer common questions, by Frank E. Lutz. 3d ed. rewritten to include much additional material, with about 800 illustrations, many in color. 510 p. New York, G.P. Putnam's sons, 1935. 422 L97F Ed.3.

The introduction includes sections on Collecting and preserving insects, Identification (Keys) and the Control of injurious insects.

Farming

Clearing land of small growth. U.S. Bureau of plant industry, soils, and agricultural engineering. Division of agricultural engineering. Information series no.10 (Rev.) 5 p. n.d. 1.9 R531I

Cutting chore costs, what you need, where you want it at the right time. Idaho. Extension service. Rural electrification extension leaflet no.72, 2 p. 1945. 100 Idaho R.E.E.L. no.72.

Laying out fields for tractor plowing, by C.D. Kinsman and L.A. Reynoldson. U.S. Dept. of agriculture. Farmers' bulletin no.1045, 18 p. Rev. 1945. 1 Ag84F no.1045.

Motors and potatoes. Idaho. Extension service. Rural electrification extension leaflet no.71, 2 p. 1945. 100 Idaho R.E.E.L. no.71.

Feeds and feeding

Alfalfa varieties under irrigation, by H.P. Singleton, C.J. Nelson and C.O. Stanberry. Washington. Agricultural experiment station. Bulletin no.464, 32 p. 1945. 100 Wash. Bul. no.464.

Dried molasses-beet pulp and beet molasses for fattening cattle, by H.P. Singleton, M.E. Ensminger and W.W. Heinemann. Washington. Agricultural experiment station. Bulletin no.469, 31 p. 1945. 100 Wash. Bul. no.469.

Growing subclover in Oregon, by H.H. Rampton. Oregon. Agricultural experiment station. Station bulletin no.432, 12 p. 1945. 100 Oreg. Sta. bul. no.432.

Meadow foxtail, by H.A. Schoth. Oregon. Agricultural experiment station. Station bulletin 433, 20 p. 1945. 100 Oreg. Sta. bul. no.433.

Ree wheatgrass, its culture and use, by C.J. Franzke. South Dakota. Agricultural experiment station. Circular 58, 8 p. 1945. 100 S.D. Cir. no.58.

Technical instructions for checking forage utilization. U.S. Dept. of agriculture. Agricultural adjustment agency. WD-68, 8 p. 1945. 1.42 W52Wd no.68.

Methods used to measure range utilization and to establish standards of use that will be acceptable for practice payments on range land in the Agricultural conservation program.

Food

Freezing farm products, by Thurza A. Sperry, Eleanore Davis and Joseph Muir. Washington. Agricultural extension service. Extension bulletin 230, 20 p. 1945. 100 Wash. Ext. bul. no.230.

Freezing fruits, vegetables, meats, poultry and fish.

Nutritive properties of pork protein and its supplemental value for bread protein, by Ralph Hoagland, N.R. Ellis, O.G. Hankins and G.G. Snider. U.S. Dept. of agriculture. Technical bulletin no.906, 12 p. 1945. 1 Ag84Te no.906

Precooling California grapes and their refrigeration in transit, by W.T. Pentzer, C.E. Ashbury and W.R. Barger. U.S. Dept. of agriculture. Technical bulletin no.899, 64 p. 1945. 1 Ag84Te no.899.

Tables of food composition in terms of eleven nutrients, prepared by Bureau of human nutrition and home economics, U.S. Dept. of agriculture in cooperation with National research council. U.S. Dept. of agriculture. Miscellaneous publication no. 572, 30 p. 1945. 1 Ag84M no. 572.
World food situation in 1945-46. 72 p. Washington, 1945. 1.943 W893r
Issued by U.S. Dept. of agriculture. Office of foreign agricultural relations.

Forestry

Forests and foods, by J.A. Hall, U.S. Forest service. 8 p. n.d. 1.962
F3F76

Sugar and yeast from trees.

Memorial forests, how to plan and maintain living war memorials of trees. 17 p.
American forestry association, 1945. Pamphlet. Forestry.

The production and marketing of Douglas-fir Christmas trees on western Oregon farms, by L.W. Gervais. 12 p. 1945. Pamphlet Gervais.

A thesis presented to the faculty of the School of forestry, Oregon state college...

Recent developments in logging, by F.C. Simmons. 13 p. 1945. Pamphlet.
Simmons.

Paper presented at meetings of the Maine Hardwood Manufacturers Association, May 22 and August 21, 1945.

Timber! The lumberjacks' cry of danger - falling trees" here sounds a warning of wasteful forestry practices that must be stopped if our forests are to be saved. In Consumers' guide. 11(12): 12-14. Dec. 1945.

Two trees, by Ed Nofziger. 48 p. Philadelphia 7, Pa., 1945. Pamphlet collection.
Forestry.

Issued by U.S. Forest service, Northeastern forest experiment station.

A story and pictures in linoleum blocks which tell of good and bad farm forest practice in amusing fashion.

The veteran and the Forest service. 12 p. 1945. 1.962 A2V64

This pamphlet was issued by the U.S. Forest service and is on employment in the service; characteristics of the work; requirements, etc.

Veteran timber cruiser retires, by A.J. Jaenicke. Biographical sketch of Fred A. Matz in the Timberman 47(3): 208. January 1946.

Heating

War-time model hopper unit for burning various forms of wood in standard domestic furnaces, by C.V. Sweet, R.H.P. Miller and J. Donny. U.S. Forest products laboratory. R1440, 14 p. Dec. 1943. 1 F76L no. R440.

History

APACHES AND LONGHORNS, the reminiscences of Will C. Barnes, ed. by Frank C. Lockwood. 210 p. Los Angeles, The Ward Ritchie press, 1941. 138 F26

This is the biography of a man of action in the days when the challenge of dangerous enterprise was the lot of those who made America. It is also history, full of source material and informative sidelights on conditions in early Arizona and the West. But above all, a stirring story of real life in the West. The last chapter tells of meeting Pinchot and entering the U.S. Forest service.

"Written in terse, swift, graphic language with a smack of cowboy lingo and droll humor."

Condensed history of the U.S. Department of Agriculture. U. S. Dept. of agriculture. Office of information. Report no. 4, 15 p. Rev. 1945. 1.20
A2U32 no. 4.

THE FARMER'S LAST FRONTIER, AGRICULTURE, 1860-1897, by Fred A. Shannon. 434 p. New York, Farrar & Rinehart, 1945. (The Economic history of the United States, v.5) 30.9 Sh1

This book offers in a single volume the most comprehensive account available of agricultural developments during the years between the outbreak of the Civil War and the close of the nineteenth century. The author stresses the recouping out of the agricultural domain and the effect of this process not only upon the farmers in the new frontier areas and agriculture elsewhere in the country, but also upon the whole economy. He emphasizes the significant role played by soils, climate, and other natural forces in the development of American farming. But the welfare of the farmer, himself, is always in the forefront of his treatment.

SEAMAN A. KNAPP, SCHOOLMASTER OF AMERICAN AGRICULTURE, by Joseph Cannon Bailey. 307 p. New York, Columbia University Press, 1945. 120 K72B
(Columbia university. Studies in the history of American agriculture no. 10)

Knapp was the man who put science in the farmer's fields along with the new-fangled machines of the agricultural revolution, and bridged the gap between the rural folk and the findings of the Laboratory. His long life spans the transition in American agriculture from the vanished days of home-spun self-sufficiency to the specialized, commercialized, and mechanized age of international markets in full swing on the eve of World War I.

The author has done every kind of farming, thereby qualifying as a biographer of this outstanding agriculturist.

Home economics

Labor-saving adjustable ironing board, by Esther Pond. Washington. Extension service. Extension circular 96, 4 p. 1945. 100 Wash. Ext. bul. no.96.
Planning a tuility room, by Esther Pond. Washington. Agricultural extension service. Extension bulletin no. 320, 9 p. 1945. 100 Wash. Ext. bul. no.320.

Horticulture

Asparagus growing and management, by A.G.B. Bouquet. Oregon. State agricultural college. Extension service. Extension circular 465, 7 p. Rev. 1945. 100 Oreg. Ext. cir. no.465.

Diseases of the fibbert in the Pacific Northwest and their control, by P.W. Miller. Oregon. Agricultural experiment station. Station bulletin 428, 24 p. 1945. 100 Oreg. Sta.bul. no.428.

AN ILLUSTRATED FLORA OF THE NORTHERN UNITED STATES, Canada and the British possessions from Newfoundland to the parallel of the southern boundary of Virginia, and from the Atlantic ocean westward to the 102d meridian, by Nathaniel Lord Britton and Addison Brown. 2d ed. rev. and enl. 3 vols. New York botanical garden, 1943. 454 B77 Ed.2 Vol.I-III.

The author's aim was to illustrate and describe every species, from the ferns upward, recognized as distinct by botanists and growing wild within the area adopted. The set is illustrated with line drawings.

Soybean production in war and peace, by Edwin G. Strand. U. S. Dept. of agriculture. Bureau of agricultural economics. F.M. 50, 41 p. Washington, D.C., 1945. 1.941 L6F22 no.50

The pamphlet includes utilization, processing, prices, future prospects.

Irrigation

Improving the distribution of water to farmers by use of the Parshall measuring flume, by Ralph L. Parshall. Colorado. Agricultural experiment station. Bulletin 488, 54 p. 1945. 100 Colo. Bul. no.488.

Issued in cooperation with U.S. Dept. of agriculture, Soil conservation service.

Livestock

THE WESTERN HORSE, its types and training, by John A. Gorman. Rev. ed. 365 p. Danville, Ill., The Interstate, 1944. 42 G68 1944

A favorite book has been brought up-to-date. Material in the previous edition has been revised. New features include a list of magazines on horses and a list of Breed associations.

Motion pictures

Motion pictures of the United States Department of agriculture, 1945. U.S. Dept. of agriculture. Miscellaneous publication no.574, 52 p. 1945. 1 Ag84M no.574.

Personnel

EMPLOYEE COUNSELING, a new viewpoint in industrial psychology, by Nathaniel F. Cantor. 167 p. New York, McGraw-Hill, 1945. 249.3 C162

The author makes use of clinical psychology to give a better understanding of the human relations in industry. The book is divided into three parts.

Part One states the general problem and traces the development of the counseling program in American industry. Part Two presents a working psychology for industrial relations. Part Three discusses the organization of the counselor consultant staff and its place in the entire organization of the plant.

Objectives of in-service training. 15 p. 1945. 1.917 A20h3

Issued by Office of personnel, U.S. Dept. of agriculture.

Procedures for training (disabled veterans) under Public 16 and 346 in the Department of agriculture. 7 p. 1945. 1.917 A2P943

Issued by U.S. Dept. of agriculture, Office of personnel.

In-service training.

When your war job ends, information for those leaving U.S.D.A. 13 p. 1945. 1.917 A2W57

Issued by U.S. Dept. of agriculture, Office of personnel.

Poultry

Nests and their care. Washington. Extension bulletin no.335, 8 p. 1945. 100 Wash. Ext. bul. no.335.

Summer force molting of hens for commercial egg production. Washington. Extension service. Extension bulletin 323, 4 p. 1945. 100 Wash. Ext. bul. no.323.

The Washington laying house. Washington. Extension service. Extension bulletin no.322, 4 p. 1945. 100 Wash. Ext. bul. no.322.

Includes plans and bill of materials.

Housing

Agricultural buildings for counties. U.S. Dept. of agriculture. Office of plant and operations. OPO publication no.6, 16 p. 1945. 1.9172 A20p5

Includes plans for various types of buildings.

Public improvements for your community, by Leonard F. Miller and John F. Timmons. U.S. Dept. of Agriculture. Extension service. AIS-38, 8 p. 1945. 1 Ag84Ai no.38.

Range management

THE ESTABLISHMENT AND EARLY MANAGEMENT OF SOWN PASTURES. Imperial bureau of pastures and forage crops, Aberystwyth, Great Britain. Bulletin 34, 210 p. 1945. 64.8 Im7

Prepared in collaboration with the Bureau of plant industry, soils and agricultural engineering and the Forest service, U.S. Department of agriculture, Washington, D.C., U.S.A.

A symposium of articles from widely separated parts of the world on the establishment and early management of sown pastures under a wide range of edaphic, climatic and economic conditions in the temperate zone. This bulletin is well illustrated with photographs.

Range land of America and some research on its management, by Laurence A. Stoddart. 32 p. Logan, Utah, The Faculty association, Utah state agricultural college, 1945. Pamphlet Collection.

United Nations

UNITED NATIONS PRIMER, by Sigrid Arne. 156 p. New York, Farrar & Rinehart, inc., 1945. Uncataloged - request by author and title.

This book is a key to the fifteen conferences that have laid the foundation stones upon which the peace must rest. Miss Arne tells what the conferences were to do, what they did, and how they fit into the world of the future. Contents: The Atlantic charter, The United Nations declaration, Casablanca, The food conference, the first Quebec conference, Moscow, The United Nations relief conference, Cairo, Tehran, The Ilo meeting, Bretton Woods, The second Quebec conference, The Aviation conference, Yalta and The San Francisco conference. Texts of the agreements are given.

USDA

USDA, MANAGER OF AMERICAN AGRICULTURE, by Ferdie Deering. 213 p. Norman, University of Oklahoma press, 1945. 281.12 D36

Ferdie Deering, editor of the Farmer Stockman, presents a thoughtful picture of the Department of Agriculture - the largest peacetime spending organization. Its job is to see that the man behind the plow keeps one hundred and forty millions well fed in war and peace. How does it work? What does it do? What are its scientific achievements? Dr. Deering explains the department and gives his ideas on the streamlining that it should have to insure America's economic stability during the years of peace. It is readable from the beginning: "A dirt farmer is a man who starts out with nothing, loses on everything he grows and comes out even at the end of the year. Nobody knows how he does it. He doesn't know himself."

Veterans

Safeguarding farm loans for veterans, by Robert W. Hudgens. 5 p. 1945. 1.95 Ad8H

Issued by U.S. Farm security administration.

Weather

Summary of snow survey measurements in Oregon, 1926-1945, inclusive. 90 p. 1945. 1.9 R31Fso 1926-1945.

Issued by U.S. Dept. of agriculture, Soil conservation service; Oregon Agricultural experiment station, Medford branch and Oregon state engineer cooperating.



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



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Vol. 5, no.3.
March 1946

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| Agricultural history. q. | American society of farm managers and rural appraisers. Journal. semi-m. |
| Agricultural leaders digest. 8 nos. | Australia. Council for scientific and industrial research. Journal. q. |
| Agricultural news letter. (Dupont) bi-m. | Barometer. w. |
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| Agricultural situation. m. | Better farming methods. bi-m. |
| Agriculture bulletin. (Oregon. Dept. of agriculture) q. | Better farms. semi-m. |
| Agriculture in the Americas. m. | Better fruit. m. |
| American cattle producer. (Oreg. ed.) m. | Better homes and gardens. m. |
| American dietetic association. Journal. m. | BIBLIOGRAPHY OF AGRICULTURE. m. |
| American economic review. q. | Biological abstracts. Section D. m. |
| American farm bureau federation. Official news letter. irr. | Bulletin of entomological research. q. |
| American forests. m. | California citrograph. m. |
| American journal of economics and sociology. q. | California cultivator. bi-w. |
| American journal of sociology. bi-m. | California fish and game. q. |
| | California highways and public roads. |

California wool grower. w.	Journal of marketing. q.
Caribbean forester. q.	Journal of wildlife management. q.
Cattleman. m.	The land. q.
Civil engineering. m.	Land policy review. q.
Climatological data for Idaho. m.	Landscape architecture. q.
" " " Montana. m.	Mechanical engineering. m.
" " " Oregon. m.	Military engineer. m.
" " " Washington. m.	Modern plastics. m.
Commerce. (Portland) w.	Monthly weather review. m.
Conservation news digest. irr.	Murrelet. 3 nos.
Consumers' guide. m.	National city bank of N.Y. Economic conditions. m.
Cooperative consumer. m.	National grange monthly. m.
Country gentleman. m.	National safety news. m.
Crops and markets. m.	National wool grower. m.
Domestic commerce. m.	Nation's agriculture. m.
Ecological monographs. q.	Nature magazine. m.
Ecology. q.	News letter. (Civil service assembly) m.
Engineering news-record. w.	Northwest farm news. w.
Experiment station record. m.	Northwest science. q.
Extension service review. m.	Ore-bin. m.
Farm credit journal. irr.	Oregon farmer. semi-m.
The farm income situation. m.	Oregon grange bulletin. semi-m.
Farm journal. m.	Oregon voter. w.
Farm labor. semi-m.	Pacific Northwest farm bureau news. m.
Farming in South Africa. m.	Pacific Northwest industry. m.
Federal employee. m.	Pacific poultryman. m.
Fertilizer review. q.	Pacific rural press. bi-w.
Florist's exchange. w.	Personnel journal. m.
Food and home notes. w.	Pittman Robertson quarterly. q.
Food industries. m.	Plant disease reporter. m.
Food research. bi-m.	Public personnel review. q.
Food trade letter. w.	Public policy digest. q.
Foreign agriculture. m.	Public roads. m.
Foreign crops and markets. w.	Pulp and paper industry. m.
Forest log. m.	Recreation. m.
Forest products news. w.	Review of applied entomology. Series A. Agricultural. m.
Forestry abstracts. irr.	Rural electrification news. m.
Fortune. m.	Rural sociology. q.
Furrow, The. bi-m.	Science. w.
General crop report. m.	Science news letter. w.
Gleanings in bee culture. m.	Scientific agriculture. m.
Grange news. w.	Scientific American. m.
Grazier. irr.	Scientific monthly. m.
Herbage abstracts. q.	Seed world. semi-m.
Highway magazine. m.	Soap. m.
Highways current literature. w.	Sociology and social research. bi-m.
Idaho state college of agriculture. Newsletter. bi-m.	Soil conservation. m.
Idaho farmer. semi-m.	Soil science. m.
Insect pest survey. irr.	Soviet Russia today. m.
Journal of agricultural research. semi-m.	Successful farming. m.
Journal of agricultural science. q.	Supervision. m.
Journal of farm economics. q.	Survey graphic. m.
Journal of forestry. m.	Survey of current business. m.
Journal of land and public utility economics. q.	Tasmanian journal of agriculture. q.
Journal of mammalogy. q.	Timberman. m.

Timberman trade review. w.	West coast lumberman. m.
Truck crops for commercial processing. irr.	Western Australia. Dept. of agriculture Journal. q.
USDA. bi-w.	Western construction news. m.
Victoria, Australia. Dept. of agri- culture. Journal. m.	Western livestock journal. w.
Washcoegg. m.	Wildlife review. irr.
Washington farmer. semi-m.	Wood preserving news. m.
Washington state agriculturist. semi-a.	Wood working digest. m.
Weekly weather and crop bulletin. w.	Word study. irr.

Selected Recent Accessions

Agricultural economics

The farm real estate situation, 1944-45, by M.M. Regan, A.R. Johnson and Fred A. Clarenback. U.S. Dept. of agriculture. Circular no.743, 47 p. 1946. 1 Ag84C no.743.

Oregon's farm price data, 1909-1944. Oregon. State college. Extension service. Extension bulletin no.660, 23 p. 1945. 100 Oreg. Ext. bul. no.660.

Agricultural finance

The balance sheet of agriculture, 1945. U.S. Dept. of agriculture. Miscellaneous publication no.583, 44 p. 1945. 1 Ag84M no.583.

A retirement system for farmers, by Murray R. Benedict, and a statement on old-age, survivors' and disability insurance for farm people, by the NPA agriculture committee on national policy. National planning association. Planning pamphlets, no.49, 43 p. 1946. 280.7 N21P no.49.

Alaska

What of Alaska? by W.A. Rockie. In Soil Conservation, 11(1):147-153. Jan. 1946.

Cooperatives

Agricultural cooperatives in the postwar period. 41 p. 1945. 1.90 C2In8Poc
Issued by U.S. Dept. of agriculture. Inter-bureau committee on postwar program

Feeds and feeding

Feeding horses, by J.O. Williams and N.R. Ellis. U.S. Dept. of agriculture. Farmers' bulletin no.1030, 18 p. Rev. 1945. 1 Ag84F no.1030.

Limitations of urea as a protein substitute in the rations of ruminants, by I.R. Jones. Oregon. Agricultural experiment station. Station circular of information no.373, 6 p. 1946. 100 Oreg. S.C.O.I. no.373.

Palatability for sheep and yield of hay and pasture grasses at Union, Oregon, by D.L. Richards and Virgil B. Hawk. Oregon. Agricultural experiment station. Station bulletin 431, 51 p. 1945. 100 Oreg. Sta. bul. no.51.

U.S. Soil conservation service cooperation.

Forestry

Careers in forestry. U.S. Dept. of agriculture. Miscellaneous publication no.249, 23 p. 1945. 1 Ag84M no.249.

Reissued by U.S. Forest service.

Forestry and jobs; our forests can contribute to postwar employment. U.S. Forest service. AIS-34, 8 p. 1945. 1 Ag84Ai no.34.

HANDBOOK OF INFORMATION ON ENTERING POSITIONS IN FORESTRY, by Shirley W. Allen. 56 p. Washington, D.C., Society of American foresters, 1945. 99.06 AL52

"This handbook is designed to supply informal descriptions of typical entering positions in the work of growing, managing and utilizing forests, and to assist guidance officers and students themselves to become familiar with the nature and requirements of forestry as a profession or vocation. Opportunities for training and education leading to forestry employment are also listed. Descriptions are given for most of the selected positions such as: timber agent, junior arborist, towerman, compassman and pest control worker."

Longer life for poles and posts. U.S. Dept. of agriculture. AIS-36, folder. 1946. 1 Ag84Ai no.36.

Health

Better health for rural America, plans of action for farm communities. U.S. Dept. of agriculture. Miscellaneous publication 573, 34 p. 1945. 1 Ag84M no.573.
MEDICAL CARE AND HEALTH SERVICES FOR RURAL PEOPLE; a study prepared as a result of a conference held at Chicago, Illinois, April 11-13, 1944. 226 p. 448.9 C7644M

Issued by the Conference on medical care and health services for rural people, Chicago, 1944.

Subjects on which papers were given include: The problems rural people face in obtaining medical care and health service, The essentials of a rural health service, Plans and proposals for developing an integrated health service for all the people, Developing a constructive program of medical and health services for rural America.

PRINCIPLES OF A NATION-WIDE HEALTH PROGRAM. 34 p. New York, 1944. 448.9 H34

Report of the Health program conference, the purpose of which was to formulate the elements of a nation-wide health program which would unite the views of physicians, economists and administrators. At a few points in the report alternatives are presented, representing the views of one or more members, as indicated in the text.

SMALL COMMUNITY HOSPITALS, by Henry J. Southmayd and Geddes Smith. 182 p. New York, The Commonwealth fund, 1944. 449.15 C73

This book is the fruit of collaboration. It reflects experience shared by more than a dozen small communities from Maine to Utah and the Commonwealth Fund. It tells what they have learned about the construction, organization and operation of small community hospitals. The hospital job rather than the hospital plant is stressed although a chapter on building design is included. The book is written for non-professional men and women interested in the development of rural medicine.

Horticulture

Control of weevil in hairy vetch grown for seed. Oregon. Agricultural experiment station. Station circular of information no.372, 3 p. 1946. 100 Oreg. S.C.O.I. no.372.

Issued in cooperation with the U.S. Bureau of entomology and plant quarantine.

Housing

Farmstead planning, building arrangement, by Arthur J. Cagle. Washington. Agricultural extension service. Extension bulletin 337, 14 p. 1946. 100 Wash. Ext. bul. no.337.

Log buildings, by S.A. Witzel. Wisconsin. Extension service. Stencil circular no.158, 38 p. 1940. 100 Wis. (Ext) S.C. no.158.

In cooperation with the U.S. Forest products laboratory.

Irrigation

First aid for the irrigator, by Ivan D. Wood. 37 p. 1945. 1.95 En3F
Issued by U.S. Farm security administration.

Land utilization

1943-44 summary of outstanding federal and state legislation affecting rural land use, compiled by Ruth McQuown. U.S. Bureau of agricultural economics. L.F. Bulletin 70, 160 p. Washington, D.C., 1945. 1.95 BS7 no.70.

Management

CONTROL MANUAL. 1943-44. (Army service forces manual M703-1)

Contents: Fundamentals of control, Basic principles of organization, Work simplification, Work simplification (materials handling), Work measurement, Standardization of forms, Simplification and standardization of procedures..

Public affairs

Building your marriage, by Evelyn Millis Duval. Public affairs pamphlet no.113, 31 p. 1946. 280.9 P964 no.113.

THE REFUGEES ARE NOW AMERICANS, by Maurice R. Davie and Samuel Koenig. Public affairs pamphlet no.111, 32 p. 1945. 280.9 P964 no.111.

This pamphlet is based on a comprehensive, nation-wide study conducted by the Committee for the Study of Recent Immigration from Europe.

WE CAN HAVE BETTER SCHOOLS, by Maxwell S. Stewart. Public affairs pamphlet no.112, 31 p. 1946. 280.9 P964 no.112.

Roads

AMERICAN HIGHWAY PRACTICE, by Laurence Ilsey Hewes. 2 vols. New York, John Wiley & sons, 1942. 288 H49

A comprehensive and complete treatment of highway design and construction, including location. Among other subjects, volume I covers reconnaissance, landscape and highway design, and intermediate types of surfacing. Volume II covers thoroughly asphaltic, concrete and brick pavements.

Soil conservation

The acme of conservation farming, by H.O. Anderson and P.E. McNall. 5 p. La Crosse, Wis., 1945. 1.96 Ad6Ac

"United States Department of agriculture, Soil conservation service, Economic research and the Wisconsin Agricultural experiment station cooperation

Statistics

STATISTICAL METHODS APPLIED TO EXPERIMENTS IN AGRICULTURE AND BIOLOGY, by George W. Snedecor. 4th ed. 485 p. Ames, Iowa state college press, 1946. 251 Sn2 Ed.4.

"The arrangement of the material in this text is not so much logical as developmental. The easiest ideas are put first, and only one new concept is presented at a time. Numerous examples form an indispensable part of the presentation. In most of them the statistical method with its meaning, is emphasized, the necessary drudgery of calculation being reduced to the lowest level."

Washington State

Ten years of progress, 1934-1944. Sixth and final report of the Washington State planning council. 111 p. Olympia, Wash., 1945. 282.9 W27R 6th

Weeds

Composition and vitality of quack grass roots, by A.J. Rinckney. North Dakota. Agricultural experiment station. Bulletin 334, 16 p. 1945. 100 N.D. Bul. no.334.

Wildlife

A problem of "Antler room", by Paul M. Scheffer and Richard M. Bond. In Soil conservation, 11(7): 161-166. January 1946.
Range rodents and plant succession, by Richard M. Bond (U.S. Soil Conservation Service). In Tenth North American wildlife conference, Transactions 10:229-234. 1945. 412.9 N814 1945.

TRANSACTIONS OF THE TENTH NORTH AMERICAN WILDLIFE CONFERENCE. 359 p. Washington, D.C., American wildlife institute, 1945. 412.9 N814 1945.

Papers by well-known biologists are included on the following subjects:
Land use for public hunting; Waterfowl; In the wake of war; Production and marketing of fur; Forest lands and wildlife; Croplands and wildlife; Educational forum; Range lands and wildlife; Recent developments in wildlife research; Commercial fisheries; Marshes, water and wildlife and parks, refuges, urban lands and wildlife.

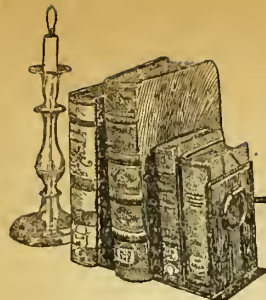
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SELECTED RECENT ACCESSIONS IN PORTLAND BRANCH LIBRARY

Agricultural economics

AGRICULTURE IN AN UNSTABLE ECONOMY, by Theodore W. Schultz. 299 p. New York, McGraw-Hill book co., 1945. 281.12 Sch82A

Each is prone to see agriculture according to his lot; only a few see it as a whole, and fewer still see it as an integral part of an interdependent economy. No man outside agriculture sees it as farmers do, since most people no longer have roots in the soil. This was once a nation of farmers - Washington, Jefferson, and nearly all of their countrymen. Today, our workshops are many. Cities and towns and the occupations that go with them shape the horizon of most Americans. But farming is fundamentally different from industrial work and business management.

Professor Schultz's study is an analysis of the conditions for a healthy, prosperous agriculture. It is devoted to the "between" problems: Inter-relationships between agriculture and the rest of the economy and to the effects of nonfarm activities upon agriculture. The main purpose is to lay the foundations for a national policy with regard to agriculture.

Wages and wage rates of hired farm workers, United States and major regions, March 1945, by Louis J. Ducoff and Margaret Jarman Hagood. 55 p. Washington, D.C., 1945. 1.941 R2Su7

Issued by Bureau of agricultural economics, U.S. Dept. of agriculture.
Wartime developments in agricultural statistics, by H.A. Tolley and Conrad Taeuber. 15 p. 1945. 1.941 H3W26

Issued by U.S. Bureau of agricultural economics:
What peace can mean to American farmers. Agricultural policy. U.S. Dept. of agriculture. Miscellaneous publication no.589, 41 p. 1945. 1 Ag4M no.589.

Alcohol

Alcohol from agricultural commodities, by P. Burke Jacobs. U.S. Bureau of agricultural and industrial chemistry. Northern regional research laboratory. AIC-95, 77 p. Peoria, Ill., 1945. 1.932 A2Ag82 no.95.

Aviation

Air transport of agricultural perishables. U.S. Dept. of agriculture.

Miscellaneous publication no.585, 44 p. 1946. 1 Ag84M no.585.

Prepared by the Working group on conversion of marketing facilities and methods of the Interbureau committee on postwar programs.

WINGS OVER AMERICA, the future of air power, by John Stuart. Public affairs pamphlet no.114, 31 p. 1946. 280.9 P964 no.114.

The author is an aviation reporter on the New York Times, and long a specialist on the subject. This report discusses military air power and its peacetime plans, merchant aircraft carrying passengers, freight or mail and the partially gloomy prospect for personal aircraft.

Commerce

TOMORROW'S TRADE. PROBLEMS OF OUR FOREIGN COMMERCE. Guide lines to America's future as reported to the Twentieth century fund by Stuart Chase. 156 p. New York, The Twentieth century fund, 1945. 286 C38

This is the latest in Stuart Chase's series "When the war ends" (no.5). Now the war is over. We have been catapulted into the postwar world. The problems Mr. Chase set himself to explore in advance are no longer projections but actualities. In the present volume, the author seeks to clarify the foreign trade and investment perplexities that must be dealt with, not tomorrow, but today. This important series is designed to provoke thought and to stimulate discussion. Ask the Librarian for other numbers.

Conservation

Crop rotation vs continuous cropping yields, by J.H. Stallings. 3 p. 1944. 1.9423 C3C88

Issued by U.S. Dept. of agriculture. Soil conservation service.

Cooperatives

Cooperative possibilities in freezing fruits and vegetables, by Anne L. Gessner.

U.S. Farm credit administration. Miscellaneous report no.84, 60 p. 1945.

166.3 M68 no.84.

Drafting

TOPOGRAPHIC DRAFTING. U.S. War department. Technical manual no.5-230, 302 p.

Washington, U.S. Govt. print. off., 1940. 152 T22 no.5-230.

Illustrations, charts and photographs high light the text.

Electricity

Electrical heating of water for livestock, by John B. Dobie. Washington.

Agricultural experiment station. Popular bulletin no.182, 11 p. 1945.

100 Wash. Pop. bul. no.182.

Entomology

Biology and control of the American dog tick, by Carroll N. Smith, Moses M.

Cole and Harry K. Gouck. U.S. Dept. of agriculture. Technical bulletin

no.905, 74 p. 1946. 1 Ag84Te no.905.

Control of the pear thrips on prunes in Oregon, by S.C. Jones and Don C. Mote. Oregon. Agricultural experiment station. Station circular of information no.374, 4 p. 1946. 100 Oreg. S.C.O.I. no.374.

DEMONS OF THE DUST, by William Morton Wheeler. 375 p. New York, W.W. Norton, 1930. 422 W562D

This is a study in insect behavior, written in whimsical style. As the author points out, many intelligent people spend hours communing with dictionaries for the purpose of solving cross-word puzzles. Is it expecting too much to ask the general reader to do as much when he is hoping to obtain information? Some of the words are technical.

The pea weevil and methods for its control, by T.A. Brindley, J.C. Chamberlin, F.G. Hinman and K.W. Gray. U.S. Dept. of agriculture. Farmers' bulletin no.1971, 24 p. 1946. 1 Ag84F no.1971.

Questions and answers about the cherry fruit fly, by S.C. Jones. Oregon. Agricultural experiment station. Station circular of information no.375, 5 p. 1946. 100 Oreg. S.C.O.I. no.375.

Erosion

No one can afford erosion. 12 p. Lexington, Ky., 1945. 1.9605 N662
Issued by U.S. Dept. of agriculture. Soil conservation service.

Farm machinery

The dual use of the vacreator for condensing milk and pasteurizing ice cream mix, by G.H. Wilster. Oregon. Agricultural experiment station. Station bulletin 430, 71 p. 1945. 100 Oreg. Sta. bul. no.430.

Feeds and feeding

Feed situation demands your attention, facts to help Washington farmers meet the present feed emergency. Washington. Agricultural extension service. Extension circular 98, 6 p. 1946. 100 Wash. Ext. cir. no.98.
Lespedeza culture and utilization, by Roland McKee. U.S. Dept. of agriculture. Farmers' bulletin no.1852, 14 p. Rev. 1946. 1 Ag84F no.1852.
Results of permanent pasture grass and legume experiments, red soils experimental area, Oregon City, by Edwin Keltner. Oregon. Agricultural experiment station. Station circular of information no.376, 5 p. 1946. 100 Oreg. S.C.O.I. no.376.

Food

Changes in lemons during storage as affected by air circulation and ventilation, by E.M. Harvey. U.S. Dept. of agriculture. Technical bulletin no.908, 32 p. 1946. 1 Ag84Fe no.908.
Cold storage for apples and pears, by W.V. Hukill and Edwin Smith. U.S. Dept. of agriculture. Circular no.740, 61 p. 1946. 1 Ag84C no.740.
Food production goals for 1946, state of Washington and individual counties. Washington. Agricultural extension service. Extension circular no.97, 38 p. 1946. 100 Wash. Ext. cir. no.97.
Foods - enriched, restored, fortified. U.S. Dept. of agriculture. AIS-39, 16 p. 1945. 1 Ag84Ai no.39.
Game foods, by Arthur S. Einarson. Oregon. Agricultural college. Extension service. Extension bulletin 657, 27 p. 1945. 100 Oreg. Ext. bul. no. 657.

This bulletin is intended to aid those whose experiences are limited in the use of game meats for food. They are highly nutritious and provide an excellent supplementary food supply. Unless game preparation begins in the field, the finest quality meat may be ruined by improper handling.

The author gives directions for handling, dressing big game, fowl and fish. He tells how to prepare for frozen locker storage and how to preserve fish by brining and smoking. There are many appetizing recipes, too. Finally, there is an excellent game and fish preparation chart by species.

High level food consumption in the United States; by Willard W. Cochrane.

U.S. Dept. of agriculture. Miscellaneous publication no.581, 48 p. 1945.

1 Ag84M no.581.

HOW TO BUILD AND OPERATE A LOCKER PLANT, by Albert Todoroff. Rev. and enl. ed.

320 p. St. Louis, Meat merchandising, 1946. 295 T56 1946

The frozen food locker plant business has literally grown overnight, is now nation-wide and occupies a vital place in America's food preservation system. Since it keeps the original freshness, flavor, color and taste of foods for long periods of time better than any other known method, it is the answer to the age-old problem of preserving products when "in season" for use when the foods are unobtainable or too expensive. The author has spent seven years studying and analyzing the various types of locker plants in the United States and is well qualified to write on the subject. Many illustrations show typical locker plants, equipment, methods of processing packaging foods, slaughtering and preparing foods for storage. Floor plans of all types of locker plants are given. Advertising, promotion and all the tricks of the trade are fully explained.

Forestry

Effect of different methods of slash disposal on Jack pine reproduction, by J.W. Noakes. Canada. Dominion forest service. Silvicultural research note no.78, 8 p. Ottawa, Canada, 1946. 99.9 C16S no.78.

Forest credit in the United States, 1930-1945, by R.C. Watrous and F.C. Bell.

U.S. Dept. of agriculture. Library. Library list no.23, 10 p. 1946.

1.916 L612 no.23.

Forest resources of Snohomish county. 39 p. Olympia, Wash., Washington State planning council, 1945. 280.7 W27Fo

Forested lands; an analysis of objectives and programs. U.S. Interbureau coordinating committee on postwar programs. Southwest intermountain region. Planning aid pamphlet no.1, 8 p. Albuquerque, N. Mex., 1945.

1.90 C2In8Pp1

OREGON LOG MARKS; log brands registered with the public utilities commissioner of Oregon. 37 p. Salem, Oreg., 1945. 99.76 Or32

Reducing the hazards of inadequately dried lumber in postwar housing, by L.V. Teesdale. U.S. Forest service. Forest products laboratory. R1600, 6 p. 1945. 1 F76L no.1600.

Sulfite pulping of western redcedar, by E.L. Keller and J.N. McGovern. U.S. Forest service. Forest products laboratory. R1494, 7 p. 1945. 1 F76L no.1494.

The western forestry and conservation association. Proceedings of the 36th annual meeting. 47 p. Portland, Oreg., 1945. 99.9 W522 36th, 1945.

Health

"Six point health program", by Thomas Parran. 11 p. Washington, U.S. Govt. print. off., 1944. 1 Ag84 1944.

Foreword to Annual report of the U.S. Public health service, 1944.

The six points discussed are: A sanitary environment for everyone; A hospital system adequate...; Expanded public health services; Augmented research; Training of health and medical personnel in adequate numbers and a National medical care program.

Horticulture

- Chlorosis of plants in Idaho, by Earle C. Blodgett. Idaho. Agricultural experiment station. Cir. no.110, 7 p. 1946. 100 Idaho. Cir. no.110.
- Field corn production in Oregon, by R.E. Fore. Oregon. Agricultural experiment station. Station bulletin 434, 41 p. 1945. 100 Oreg. Sta. bul. no.434.
- Handling and shipping early potatoes, by D.H. Rose. U.S. Dept. of agriculture. Circular no.744, 44 p. 1946. 1 ag84C no.744.
- Oregon apple and pear spray program. Oregon. State college. Extension service. Extension bulletin 663, 16 p. 1946. 100 Oreg. Ext. bul. no.663.
- Production and December 1 stocks of dry beans and dry peas, by classes. 1945. 1.941 S2B372
Issued by U.S. Dept. of agriculture, Bureau of agricultural economics.
- Spray program for Oregon stone fruits. Oregon. State college. Extension service. Extension bulletin no.664, 16 p. 1946. 100 Oreg. Ext. bul. no.664.
- Spray program for the control of diseases and insect pests of peaches in Western Oregon. Oregon. Agricultural experiment station. Station circular of information no.332, 3 p. Rev. 1946. 100 Oreg. S.C.O.I. no.332.
- Spray program for the control of diseases and insect pests of sweet cherries in Western Oregon. Oregon. Agricultural experiment station. Station Circular of information no.343, 5 p. Rev. 1946. 100 Oreg. S.C.O.I. no.343.

Housing

- LIGHT FRAME HOUSE CONSTRUCTION, technical information for the use of apprentice and journeyman carpenters. U.S. Office of education. Vocational division bulletin no.145, 214 p. 1940. Pamphlet collection. Housing.
- State and local housing programs, by Lucile Reynolds. 7 p. Washington. 1945. 1.913 I2R33
Issued by U.S. Dept. of agriculture, Bureau of agricultural economics.

Irrigation

- Sprinkler irrigation, by Gustav H. Eliesner. Washington. Agricultural extension service. Extension bulletin no.336, 20 p. 1946. 10C Wash. Ext. bul. no.336.

Labor

- Labor-saving shows help farm people find easier and better ways to do their work. U.S. Dept. of agriculture. Extension service. Farm labor circular 31, 5 p. 1945. 1.913 E2Ex84

Poultry

- The national turkey improvement plan. U.S. Dept. of agriculture. Miscellaneous publication no.555, 26 p. Rev. 1945. 1 ag84M no.555.

Radio

- Radio handbook for extension workers, by C.N. Bond and W.H. Zipf. U.S. Dept. of agriculture. Miscellaneous publication no.592, 21 p. 1946. 1 ag84M no.592.
Amusing illustrations highlight the important points.

Range management

Range lands; an analysis of objectives and programs. U.S. Interbureau coordinating committee on postwar programs. Southwest intermountain region. Planning aid pamphlet no.2, 11 p. Albuquerque, N. Mex., 1945. 1.90 C2In8Pp1 no.2.

Sheep

The phosphorus requirement of ewes for pregnancy and lactation, by W.M. Beeson, R.F. Johnson, D.W. Bolin and C.W. Hickman. Idaho. Agricultural experiment station. Bulletin no.266, 11 p. 1945. 100 Idaho Bul. no.266.

Sociology

Social security for farm people. U.S. Dept. of agriculture. AIS-45, 14 p. 1946. 1 Ag84A1 no.45.

This pamphlet was prepared at the suggestion of the leaders of farm organizations. The attempt has been to list questions raised by farm people on the present social security program and give complete but brief answers.

What shall we do about immigration? by Maurice R. Davie. 32 p. 1946. (Public affairs pamphlet no.115) 280.9 P964 no.115.

U.S. Farm Security Administration

Farm security administration services available to veterans. U.S. Farm security administration. FSA pub. 134, 4 p. 1945. 1.95 F94 no.134.

Weeds

Growth regulating substances as weed killers, by W.L. Harvey. 5 p. Davis, Calif., 1945. Pamphlet.

Issued by Division of botany, College of agriculture, University of California.

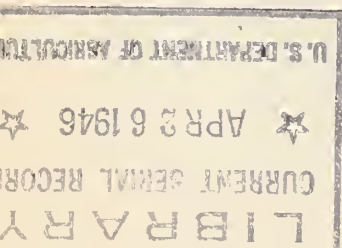
HOW TO USE THE LIBRARY

Current periodicals are circulated for official use anywhere in the region (Washington, Oregon and Idaho) on request. Cross your name off the routing list and send on promptly to the next person on the list.

Books may be borrowed for a month unless in demand. If the publication you requested is out, your name will be added to the list and it will be sent as soon as available. Requests are sent in the order received.

Your Branch Library is equipped to answer reference questions and compile bibliographies. Let us help you with your problems.

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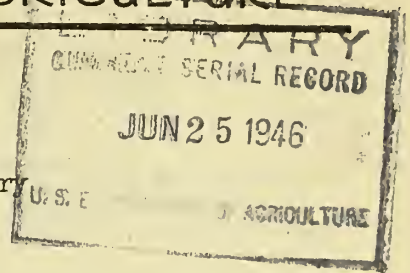


Marie L. Gould
Librarian



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



Portland Branch
U.S. Dept. of Agriculture Library
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Portland 9, Oregon

Vol. 5, no. 5-6.
May-June 1946

Phone: Atwater 6171
Extension 250

BOOKS OF INTEREST TO SCS EMPLOYEES

The Washington office of the Soil Conservation Service made a list of the 22 books most frequently used. Two were out of print but the rest have been acquired by Portland branch Library and are available for your use:

Anthony, Harold Elmer.

Field book of North American mammals; descriptions of every mammal known north of the Rio Grande, together with brief accounts of habits, geographical ranges, etc. 1928. 412.1 An8

Bailey, Liberty Hyde.

Standard cyclopedia of horticulture. Popular ed. 1943. 90.01
(For reference use in the library only) B15S

Bennett, Hugh Hammond.

Soil conservation. 1939. 56.7
B43S

Britton, Nathaniel Lord.

An illustrated flora of the Northern U.S., Canada and the British possessions from Newfoundland to the parrallel of the southern boundary of Virginia, and from the Atlantic ocean westward to the 102d meridian. 1943. 454 B77 Ed.2.

Fassett, Norman Carter.

Manual of aquatic plants. 1940. 455.2
F26

Gabrielson, Ira.

Wildlife refuges. 1943. 412.9
G11W

Graham, Edward H.

Legumes for erosion control and wildlife, 1941. 1 Ag84M no.412.

Graham, Edward H.

Natural principles of land use. 1944. 282
G76

Henderson, J. and Craig, E.L.

Economic mammalogy. 1932. 412
H38

Hitchcock, Albert Spear.

Manual of the grasses of the U.S. 1935. 1 Ag84M no.200.

Jordan, David S. and Evermann, B.W.

American food and game fishes. 1902. 414
J76

A popular account of all the species found in America north of the equator with keys for ready identification, life histories and methods of capture.

Leopold, Aldo.

Game management. 1933. 412.9
L55

Lutz, Frank E.

Field book of insects of the U.S. and Canada, aiming to answer common questions 1935. 422 L97F Ed.3

Metcalf, Clell Lee and Flint, W.P.

Destructive and useful insects; their habits and control. 1939. 423 M563 Ed.2

Muenschler, Walter Conrad.

Weeds. 79
M68

National Geographic Society.

The book of birds. 1939. 413
N21B

Vol.1-2.

Rehder, Alfred.

Manual of cultivated trees and shrubs hardy in North America, exclusive of the sub-tropical and warmer temperate regions. 1940. 452 R26 Ed.2.

Van Dersal, William R.

The American land, its history and its uses. 1943. 280.12 V28

Van Dersal, William R.

Native woody plants of the U.S., their erosion control and wildlife values. 1938. 1 Ag84M no.303.

Weaver, John Ernest.

Plant ecology. 1938.

463.8

W37P

Ed.2

Please give call number as well as author and title when asking for loans.

Agricultural economics

Agricultural income. 39 p. Washington, D.C., Chamber of commerce of the United States, 1944. 281.12 C35Ai

Economic objectives of farmers' cooperatives, by E.A. Stokdyk. U.S. Farm credit administration. Cooperative research and service division. Miscellaneous report no.90, 21 p. Washington, D.C., 1945. 166.3 M68 no.90.

Farm earnings on selected farms in Tillamook county, Oregon, 1940-1943, by G.W. Kuhlman, O.V. Chenoweth, and D. Curtis Mumford. Oregon. Agricultural experiment station. Station circular of information no.377, 8 p. 1946. 100 Or3C no.377.

Variations in farm incomes and their relation to agricultural policies. 26 p. Washington, D.C., Chamber of commerce of the United States, 1945. 281.12 C35V

What peace can mean to American farmers. Agricultural policy. U.S. Dept. of agriculture. Miscellaneous publication no.589, 41 p. 1945. 1 Ag84M no.589.

Economics

International economic collaboration, role of the economic and social council in the United Nations organization, a report by the NPA committee on international policy. 26 p. Washington, D.C., 1946. (National planning association. Planning pamphlet no.50) 280.7 N21P no.50.

Extension

The home demonstration agent. U.S. Dept. of agriculture. Miscellaneous publication no.602, 38 p. 1946. 1 Ag84M no.602.

Farming

A boom-type stacker, by Clyde Walker and Arnold Ebert. Oregon. Extension service. Extension circular 480, 4 p. 1945. 275.29 Or32C no.480.

Farm opportunities in the United States; outlook, problems, policies. 129 p. Washington, D.C., 1945. 1.90 C2In8Pfo

Prepared by U.S. Dept. of agriculture, Interbureau committee on postwar agricultural programs, Land settlement work group.

Farming in Oregon. 66 p. Portland, Oreg., Chamber of commerce, Agricultural committee, 1945. 31.3 P83

A well-illustrated booklet with descriptions of Oregon crops and production statistics.

Peacetime adjustments in farming, possibilities under prosperity conditions. U.S. Dept. of agriculture, Miscellaneous publication no.595, 52 p. 1945. 1 Ag84M no.595.

Fertilizer

PAY DIRT; FARMING AND GARDENING WITH COMPOSTS, by Jerome Irving Rodale. 242 p. New York, Devin-Adair, 1946. 57.4 R61 1946.

A revolution in farming and in gardening is in progress all over the world. The basis of this movement and the general results are that a fertile soil is the foundation of healthy crops, healthy live stock, and last but not least healthy human beings. By a fertile soil is meant one to which Nature's law of return has been faithfully applied, so that it contains an adequate amount of freshly prepared humus made in the form of compost from both vegetable and animal wastes.

Failure to look after the soil leads to destruction of large areas of land; it creates an inefficient population. All this can be put right if the law of return is followed. This book tells exactly how this should be done, what results on crops, live stock and mankind will then be observed.

Included are discussions of the dangers of chemical fertilizers, short cuts in compost making and safe means of checking insects and disease in gardens.

Putting plantfood to work, by H.R. Smalley and Robert H. Engle. National fertilizer association. Pamphlet no.131, 15 p. Washington, D.C., n.d. 57.9 N212P no.131.

The methods of applying fertilizer to many crops are discussed and illustrated.

Food

Instructions on processing for community frozen-food locker plants, by M.B. Matlack. U.S. Dept. of agriculture. Miscellaneous publication no.584. 52 p. 1946. 1 Ag84M no.583.

Making and clarifying cider, by John C. Snyder. Washington. State college. Extension service. Extension mimeo. no.314, 4 p. n.d. 100 Wash. Ext. mimeo. no.314.

Sugar savers: honey, molasses, corn sirup, potato dextrose sirup and wheat dextrose sirup, by Eleanore Davis. Washington. State college. Extension service. Extension mimeo. no.332, 16 p. n.d. 100 Wash. Ext. mimeo. no.332.

Forestry

Timber and game - twin crops, by Harold Titus. 32 p. n.d. 99.55 T53

The author presents American forests - past, present and future - with the emphasis on game birds and animals naturally associated with them.

Wood pulp - a basic American industry. 35 p. New York, United States pulp producers association, 1944. 302 Un36W

Home economics

Easy to make toys you can sew, by Marjorie S. Lusk. Washington. State college. Extension service. Extension mimeo. no.304, 21 p. n.d. 100 Wash. Ext. mimeo. no.304.

How to tailor a woman's suit, by Margaret Smith. U.S. Dept. of agriculture. Miscellaneous publication no.591, 24 p. 1946. 1 Ag84M no.591.

Planning the efficient kitchen, by Esther Pond. Washington. State college. Extension service. Extension bulletin 247, 39 p. 1946. 275.29 W27P no.247.

Selecting and making curtains, by Alice Lundquist. Washington. State college. Extension service. Extension mimeo. no.313, 12 p. n.d. 100 Wash. Ext. mimeo. no.313.

Horticulture

- Diseases of the walnut in the Pacific Northwest and their control, by P.W. Miller, C.E. Schuster and R.S. Stephenson. Oregon. Agricultural experiment station. Station bulletin 435, 42 p. 1945. 100 Or3B no.435.
- Plant propagation under fluorescent lamps, by V.T. Stoutemyer and Albert W. Close. 5 p. Rev. 1946. 1.965 A2P692
- Issued by U.S. Bureau of plant industry, soils, and agricultural engineering.
- Pollination of tree fruits and nuts, by John C. Snyder. Washington. Agricultural extension service. Extension bulletin no.342, 20 p. 1946. 275.29 W27P no.342.
- Pruning of anjou pear in relation to irrigation practice in a clay adobe soil, by W.W. Aldrich, E.S. Degman, R.A. Work and L.R. Swarner. Oregon. Agricultural experiment station. Station bulletin 436, 23 p. 1945. 100 Or3B no.436.
- Tree fruit and nut pollination, by John C. Snyder. Washington. State college. Extension service. Extension mimeo. no.320, 10 p. n.d. 100 Wash. Ext. mimeo. no.320.

Irrigation

- The ground water and salt balance conditions of the Sunnyside Valley (Washington) irrigation district for the period March 1 to October 31, 1944, by L.V. Wilcox and Carl E. Nelson. 28 p. Riverside, Calif., 1945. 1.965 I2G91
- Issued by U.S. Bureau of plant industry, soils, and agricultural engineering.

Labor

- SEASONAL FARM LABOR IN THE UNITED STATES, by Harry Schwartz. 172 p. New York, Columbia university press, 1945. (Columbia university. Studies in the history of American agriculture no.11) 283 Sch9
- Dr. Schwartz bases his book on meticulous research and analysis. He contributes a wealth of information about labor engaged in the production of certain agricultural commodities, especially in fruit, vegetable and sugar-beet production.
- This should be of interest to all who deal with the labor problem, the fruit, vegetable or sugar beet industry.

Marketing

- Usual dates of planting and harvesting commercial truck crops for fresh market, by Clarence O. Parker and Reginald Royston. 65 p. Washington, D.C., 1945. 1.941 M1C732
- Issued by U.S. Dept. of agriculture, Bureau of agricultural economics, Crop reporting board.

Personnel

- Examination specifications for the positions which have so far been approved by the appropriate examining units of the Civil service commission. 27 p. Washington; D.C., 1946. 1.917 A2Ex1
- Issued by U.S. Dept. of agriculture. Office of personnel.
- Job instruction training; summary of the 2-hour appreciation session. U.S. Dept. of agriculture. Extension service. Farm labor circular no.26, 8 p. 1945. 1.913 E2Ex84 no.26.

SUPERVISING PEOPLE, by George D. Halsey. 233 p. New York, Harper, 1946.
249.3 H16S

Here is the book many of you have been waiting for since it was written up in USDA. This book is intended primarily for supervisors, the men and women directly in charge of the workers and finally responsible for whether or not each individual's work is well done. It deals with the practical aspects of supervision - what have been the problems of other supervisors and how they have solved these problems.

Pest control

HANDEBOOK OF PEST CONTROL; the behavior, life history and control of household pests, by Arnold Mallis. 566 p. New York, Macnair-Dorland, 1945. 423 M292

"Mr. Mallis is abundantly qualified by training, experience, and interest to furnish the practical and most useful information to those engaged in pest extermination in the widest sense." The popular style and humor are shown in the following excerpt: "Poison baits in rat control are extremely popular because of their effectiveness and the ease with which they are prepared and distributed. Moreover, the baits can be distributed in greater numbers than is possible when using rat traps. One of the most important disadvantages of this method of control is the danger to poultry and pets as well as to the exterminator through the constant handling of the poisons. This hazard can be minimized by being careful. Another important disadvantage that often makes the pest control operator reluctant to use baits is that the rodents may die on the premises, their souls departed but their fragrance lingering on... An enterprising pest control operator... baited rats with frozen pudding flavored with sherry: 'I got those rats so tight I could catch them with my bare hands'."

All necessary directions and formulas are given for different methods of control of rats, silverfish, cockroaches, termites, bees, spiders, lice, etc. Killing potato tops with chemicals in Oregon, by C.E. Otis. Oregon. Extension service. Extension circular 484, 4 p. 1946. 275.29 Or320 no.484. The lily weevil, a potentially serious pest in the Pacific Northwest, by Charles F. Doucette and Randall Latta. U.S. Dept. of agriculture. Circular no.746, 24 p. 1946. 1 Ag84C no.746.

Photography

BASIC PHOTOGRAPHY. U.S. War department. Technical manual no.1-219, 342 p. Washington, U.S. Govt. print. off., 1941. 152 T22 no.219.

THIS IS PHOTOGRAPHY, ITS MEANS AND ENDS, by Thomas H. Miller and Wyatt Brummitt, 260 p. Garden City, N.Y., Garden City publishing co., 1945. 332 M612

The two authors, being experts with the Eastman Kodak company, are well qualified to write on photography. The book is not a primer. It assumes that you know enough about photography to know that it is not utterly simple. On the other hand, it does not pretend to be a technical encyclopedia. Naturally, any such book as this must talk about processes and equipment; but the ends of photography are the primary concern - in short, better photographs. It begins with advice on how to select camera and lenses, developing, enlarging, shooting in color. It discusses various types of pictures and methods of taking them.

Public affairs

For a stronger congress, by Philip S. Broughton. Public affairs pamphlet no.110, 32 p. New York, 1946. 280.9 P964 no.116.

Range management

Dry land pasture experiments, by R.M. Williams and A.H. Post. Montana. Agricultural experiment station. Bulletin 431, 31 p. 1945. 100 M76 Bul. no.431

Improving pastures and grasslands for the Northeastern states at the U.S. Regional pasture research laboratory. U.S. Dept. of agriculture. Miscellaneous publication no.590, 29 p. 1946. 1 Ag84M no.590.
Judging mountain meadow range condition in Eastern Oregon and Eastern Washington, by Elbert H. Reid and G.D. Pickford. U.S. Dept. of agriculture. Circular no.748, 31 p. 1946. 1 Ag84C no.748.

Rural sociology

A CHINESE VILLAGE; TAITOU, SHANTUNG PROVINCE, by Martin C. Yang. 275 p. New York, Columbia University press, 1945. 281.2 Y1

Mr. Yang's book is the detailed description of a rural agricultural community in China. Family life and village disputes, crop planting and children's games are only a few of the many interesting aspects of rural life which he tells about. An interesting source of fertilizer consists of earth from an old brick bed, an old stove, or from an old house. The sun-dried bricks, having become impregnated with smoke and chemically oxidized, are broken into powder and either mixed with the manure or spread directly on the field. Their intensive cultivation calls for much labor and careful conservation.

The present world situation is bringing nations increasingly into closer contact. The writer hoped that his work might contribute something to the cultural understanding between China and America. He was born and reared in Taitou, has maintained his contacts and kept himself informed about the daily life and significant happenings in the village. So, this study is a record of facts which were personally seen, heard, and experienced.

Sheep

Fattening lambs in Montana, by R.T. Clark, R.R. Woodward and Dan Hansen. Montana, Agricultural experiment station. Bulletin 433, 34 p. 1945. 100 M76 Bul.433.
The genetics, physiology, and economic importance of the multinipple trait in sheep, by Ralph W. Phillips, Ralph G. Schott and Damon A. Spencer. U.S. Dept. of agriculture. Technical bulletin no.909, 16 p. 1945. 1 Ag84Te no.909.

Soil conservation

Erosion and soil conservation, by G.V. Jacks and R.O. Whyte. 206 p. 1938. (Imperial bureau of pastures and forage crops, Aberystwyth, Gt. Britain. Herbage publication series. Bulletin no.25) 64:8 Im7 no.25.

Veterans

Veterans may get farm advice locally. 2 p. Washington, 1946. Pamphlet Veterans.

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics.

This sheet lists agricultural agencies and tells what they can do for the veteran: loans, advice, conservation materials and services.

Periodical Note

FARMS ILLUSTRATED is a rural picture magazine for the Pacific Northwest. It contains news items and articles of timely interest and will be circulated monthly to the first 15 U.S.D.A. employees requesting to see it for official use.

LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE

Portland Branch
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Portland 9, Oregon

Vol.5, No.7-8.
July-August 1946

Phone: Atwater 6171
Extension 250

NEW BOOKS IN THE LIBRARY

FARMERS' AND RURAL ORGANIZATIONS, by David Edgar Lindstrom. 428 p. Champaign, Illinois union book store, 1942. 4 L64

The forms and functions of organizations in which farm people take part - farmer's clubs, farm bureau units, granges, farmer's union locals, rural community clubs, coops, and other organizations in which they find a freedom of expression different from that found in other groups - are of concern to the author. He feels they are important in building attitudes, shaping forms of social organization, and affecting the lives of farm people. The county, state and national branches of some of these organizations have unquestionably had considerable influence on national agricultural policies. They are all discussed in this book.

FARMS AND FARMERS; THE STORY OF AMERICAN AGRICULTURE, by William H. Clark. 346 p. Boston, L.C. Page & co., inc., 1945. 30.9 C542

Farms and farmers were never more important to the nation than today. Thirty million citizens are already established on farms. Thousands of veterans and warworkers of the Second World War want to farm. How and where shall they farm? What are their prospects for success? The answers are to be found in this dramatic story of the American farmer and his problems, from the time he hewed his own way into the New World with his own axe to the present, when he uses State and National help in such modern approaches to farming as plant rotation and chemurgy.

HIDDEN HUNGER, by Icie G. Macy and Harold H. Williams. 286 p. Lancaster, Pa., The Jaques Cattell Press, 1945. 389.1 M252

A guide to healthful eating, and an antidote to food quackery. Written for everyone concerned with health and food and correct concepts of diet.

INTRODUCTION TO ORGANIC AND BIOLOGICAL CHEMISTRY, by L. Earle Arnow and Henry C. Reitz. 736 p. St. Louis, The C.V. Mosby co., 1943. 386 Ar64

Part I is a review of chemical fundamentals. Part II deals with the subject matter of organic chemistry. Part III is a summary of the more important phases of metabolism and nutrition.

INTRODUCTORY GENERAL CHEMISTRY, by Stuart R. Brinkley. 3d ed. 645 p. New York, The Macmillan co., 1946. 386 B772I Ed.3 1946.

A standard, up-to-date book on chemistry which will answer questions that are not too technically specialized.

PEST CONTROL IN THE HOME GARDEN, by Louis Pyenson. Reissued with additional material. 198 p. New York, The Macmillan company, 1945. 423 P99 1945

Thousands are gardening who have never done so before. They have responded to the challenge to grow their own vegetables and fruits and thus relieve the strain on commercial stocks, as a patriotic service. The author wrote this book to meet the needs of the amateur. He used a simple, direct treatment of the homely every day problems. The language is that of the layman, the man who can give perhaps only one or two daylight hours to the garden. Most of the illustrations used were made from Kodachrome slides taken by the author.

PLANNING YOUR HOME FOR BETTER LIVING, by Clarence W. Dunham and Milton D. Thalberg. 278 p. New York, McGraw-Hill book co., inc., 1945. 296 D92

Mr. Dunham is associate professor of the department of civil engineering, Yale University and Mr. Thalberg is advertising manager of the Cosa corporation. The material is clearly presented and splendidly illustrated. The book gives details of planning, building, decorating and landscaping a home, with many suggested floor plans.

PLANT GROWTH, by L.E. Yocum. 203 p. Lancaster Pa., Cattell, 1945. 463 Y7

The laws of nature as they govern the growth of plants and the latest theories of plant culture are stressed. It is for the Victory gardener whose intellectual curiosity leads him beyond the seed catalogs. This book has been written in an attempt to bring together the knowledge necessary to answer the technical questions which the plant lover may ask about growing plants.

380 THINGS TO MAKE FOR FARM AND HOME, by Glen Charles Cook. 325 p. Danville, Ill., The Interstate, 1941. 58 C772F Vol.I.

The purpose of this book is to furnish a comprehensive list of plans of shop projects and jobs needed on the farm and in the home. It includes plans for such items as stock trailers, brooder houses, livestock housing of all sorts, self feeders, trellises, farm concrete, plumbing, fencing and electricity. Simple labor saving equipment for the kitchen and laundry are given. Bills of materials are listed and directions where needed, but illustrations often provide the necessary instruction. The primary aim of the author was to select practical plans which had been proved successful.

TREE EXPERTS MANUAL, by Richard R. Fenska. 192 p. New York, N.Y., A.T. De La Mare company, inc., 1943. 97.7 F36

The purpose of this volume is to give information on the care of shade and ornamental trees. The average person who owns trees, or is interested in their preservation, often does not know what care is necessary to keep them in a normal and healthy condition. Furthermore, when abnormal conditions do appear on his trees, a ready reference manual such as this may help him to diagnose the trouble. This volume was written to supply scientific facts and information in such cases. Tree surgery and grafting are fully illustrated.

UNEASY MONEY, by Edward H. Faulkner. 114 p. Norman, University of Oklahoma press, 1946. 281.12 F27

The author of "Plowman's folly" proposes reduction in production costs and agricultural costs and lowered price scales for American goods sold abroad, this cutting of prices and costs to be done both as good business and as effective international cooperation. He feels that reductions all along the line must be accomplished if American is to avoid surpluses, depressions at home, and sterile markets abroad.

USE WITHOUT WASTE, UNITS ON CONSERVATION, by Margaret Riggs Hafstad and George E. Hafstad. 168 p. St. Louis, Webster publishing co., 1944. 279.12 H11

This textbook attempts to present the study of conservation in related units, each complete in itself, and suitable for junior high school classes. The first four units deal with phases that are most generally recommended for study by state and city curricula guides - forests, soils, minerals, and wildlife. The fifth unit is concerned with problems of conservation made known or emphasized by the needs of war. Each unit is composed of textual material, exercises, and activities and possibilities for correlation. Lists of free or inexpensive materials available to schools are given and attention is called to the types of books and magazines that are useful as references.

THE WAGES OF FARM AND FACTORY LABORERS, 1914-1944, by Daniel Joseph Ahearn. 245 p. New York, Columbia university press, 1945. 283 Ah3 (Columbia university. Faculty of political science. Studies in history, economics, and public law. no.518)

A statistical analysis, comparing the varying course of farm and factory wage rates in the past three decades. 1914-1922 labelled: Inflation and deflation; 1922-1929, Recovery and stability; 1929-1944, Depression and revival, are treated fully in relation to the subject.

THE WORLD'S HUNGER, by Frank A. Pearson and Floyd A. Harper. 90 p. Ithaca, N.Y., Cornell university press, 1945. 389 P313W

This book was written primarily for those interested in the world food problem. An attempt has been made to relate factors of soil, rainfall and temperature to the world food problem so that it can be understood by the ordinary reader. The author has an eye to the future in regard to food habits, food supplies, production and outlook for higher nutrition standards.

SELECTED NEW ACCESSIONS

Conservation

DDT: its effect on fish and wildlife, by Clarence Cottam and Elmer Higgins. U.S. Dept. of the interior. Fish and wildlife service. Circular 11, 14 p. 1946. 156.2 C49 no.11.

Our American land, the story of its abuse and its conservation, by Hugh H. Bennett. U.S. Dept. of agriculture. Miscellaneous publication no.596, 31 p. 1946. 1 Ag84M no.596

Farming

Descriptions of and key to American potato varieties, by C.F. Clark and P.M. Lombard. U.S. Dept. of agriculture. Circular no.741, 50 p. 1946. 1 Ag84C no.741.

Directory of U.S. register of merit sires and dams qualifying under the national poultry improvement plan, 1943-1944. U.S. Dept. of agriculture. Miscellaneous publication no.587, 62 p. 1945. 1 Ag84M no.587.

Fertilizers and lime in the United States, resources, production, marketing and use, by Frank W. Parker and others. U.S. Dept. of agriculture. Miscellaneous publication no.586, 94 p. 1946. 1 Ag84M no.586.

A grapple fork for baled hay, by Clyde Walker and Howard Carnes. Oregon. Agricultural experiment station. Station circular 169, 7 p. 1946. 100 Or3C no.169.

The haystack needle, by Clyde Walker and Myron G. Cropsey. Oregon. Extension bulletin 666, 8 p. 1946. 275.29 Or32B no.666.

- Herbicidal use of carbon disulfide, by H.A. Hannesson, R.N. Raynor and A.S. Crafts. California. Agricultural experiment station. Bulletin 693, 57 p. 100 Cl2S no.693.
- Methods of making potato silage and tests of its feeding value for dairy cows, by J.B. Shepherd, T.E. Woodward and C.G. Melin. U.S. Dept. of agriculture. Technical bulletin no.914, 14 p. 1946. 1 Ag84Te no.914.
- Peacetime adjustments in farming, possibilities under prosperity conditions. U.S. Dept. of agriculture. Miscellaneous publication no.595, 52 p. 1945. 1 Ag84M no.595.
- Poultry record report, Washington, 1944, by Arthur J. Cagle. Washington. State college. Extension service. Extension mimeo. no.329, 10 p. n.d. 100 Wash. Ext. mimeo. no.329.
- Prewar world production and consumption of plant foods in fertilizers, by K.G. Clark and Mildred S. Sherman. U.S. Dept. of agriculture. Miscellaneous publication no.593, 56 p. 1946. 1 Ag84M no.593.
- Relation of soil reaction to toxicity and persistence of some herbicides in greenhouse plots, by Annie M. Hurd-Karrer. U.S. Dept. of agriculture. Technical bulletin no.911, 31 p. 1946. 1 Ag84Te no.911.
- Release new slender wheatgrass. In The Washington farmer 121(7):6. April 4, 1946.
- Primar, an improved variety of slender wheatgrass developed especially for the Pacific northwest is described.
- 2,4-D for weed control in Oregon, by C.E. Otis and V.H. Freed. Oregon. Agricultural college. Extension bulletin 665, 8 p. 1946. 275.29 Or32B no.665.
- A vegetable gardener's handbook on insects and diseases, by W.H. White and S.P. Doolittle. U.S. Dept. of agriculture. Miscellaneous publication no.605, 30 p. 1946. 1 Ag84M no.605.

Forestry

- Are O. and C. lands properly managed? by W.H. Horning. In Oregon grange bulletin 45(21): Section 2. April 5, 1946.
- Bibliography on cork oak, compiled by Roberta C. Watrous and Helen V. Barnes. U.S. Dept. of agriculture. Bibliographical bulletin no.7, 66 p. 1946. 1 Ag84Bi no.7.
- Establishing and operating a small sawmill business, by Joseph L. Muller. U.S. Bureau of foreign and domestic commerce. Industrial series no.20, 154 p. Washington, U.S. Govt. print. off., 1945. 157.54 In24 no.20.
- Farm forestry in Clackamas county, Oregon, by Walter M. Fergerson. Oregon. Agricultural college. Extension bulletin no.662, 28 p. 1946. 100 Or3B 662.
- Water and our forests, by Bernard Frank and Clifford A. Betts. U.S. Dept. of agriculture. Miscellaneous publication no.600, 29 p. 1946. 1 Ag84M no.600.

Home economics

- Planning your farmstead wiring and lighting. U.S. Rural electrification administration. Miscellaneous publication no.597, 31 p. n.d. 1 Ag84M 597.
- A septic tank for farm homes, by H.L. Belton and J.P. Fairbank. California. Agricultural extension service. Circular 82, 19 p. Rev. 1945. 275.29 Cl2C no.82, rev.
- Storage arrangements and furnishings. 12 sheets of plans with brief directions for making cabinets, closets and other storage facilities for the home, by M. Wilson and D. Hill. Oregon. Agricultural college. Extension circular 466-477. 1941. 275.29 Or32C no.466-477.

Marketing

Air transport of agricultural perishables. U.S. Dept. of agriculture.

Miscellaneous publication no.585, 44 p. 1946. 1 Ag84M no.585.

Prepared by the Working group on conversion of marketing facilities and methods of the interbureau committee on postwar programs.

Color measurement and its application to the grading of agricultural products,

a handbook on the method of disk colorimetry, by Dorothy Nickerson. U.S.

Dept. of agriculture. Miscellaneous publication no.580, 62 p. 1946.

1 Ag84M no.580.

Questions and answers on government inspection of processed fruits and vegetables,

by F.L. Southerland and Elinore T. Linderer. U.S. Dept. of agriculture.

Miscellaneous publication no.598, 26 p. 1946. 1 Ag84M no.598.

Wages of agricultural labor in the United States, by Louis J. Ducoff. U.S.

Dept. of agriculture. Technical bulletin no.895, 127 p. 1945. 1 Ag84Te no.895.

Your state in collective bargaining, by T.R. Carskadon and S.T. Williamson.

Public affairs pamphlet no.117, 32 p. 1946. 280.9 P964 no.117.

A timely discussion of the labor situation.

Miscellaneous

Alcoholism is a sickness, by Herbert Yahraes. Public affairs pamphlet no.118,

32 p. 1946. 280.9 P964 no.118.

Should the government support science? by Waldemar Kaempffert. Public affairs

pamphlet no.119, 32 p. N.Y., 1946. 280.9 P964 no.119.

Surface water supply of the United States, 1944, part 14, Pacific slope basins

in Oregon and lower Columbia River Basin. U.S. Geological survey. Water-

supply paper 1014, 222 p. 1945. 407 G29W no.1014.

HOW TO USE THE LIBRARY

LOAN PERIOD. One month for most books with privilege of renewal for one month.

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HAVE YOU READ THESE:

Beebe, William. PHEASANTS, THEIR LIVES AND HOMES. 309 p. N.Y., Doubleday, Doran & co., 1936. 413 B393P

William Beebe studied living pheasants in their natural environment - the Far East.

Binns, Archie. THE ROARING LAND. 284 p. N.Y., Robert M. McBride & co., 1942. 138 B51

The author lived in the same part of western Washington as the author of "The egg and I" but was much better satisfied with his lot.

Dixon, Joseph S. WILDLIFE PORTFOLIO OF THE WESTERN NATIONAL PARKS. 119 p. Washington, U.S. Govt. print off., 1942. 411.2 D64

Handsomely illustrated volume on western wildlife.

Grady, James F. and Hall, Milton. WRITING EFFECTIVE GOVERNMENT LETTERS. 109 p. Washington, D.C., Employee training publications, 1939. 200.3 G75 1939.

Howard, Robert West. TWO BILLION ACRE FARM; an informal history of American agriculture. 209 p. Garden City, N.Y., 1945. 30.9 H83

The "Tibbets" gold rush" or the story of oranges, reads like fiction. In the end the man who developed navel oranges died in the County Home while his second wife reaped the glory for his efforts. Stories of other agricultural products in America are interestingly told.

Jamieson, S.M. LABOR UNIONISM IN AGRICULTURE. 154 p. 1943. 283 J24

The history of farm labor unions and strikes in the United States.

Klamroth, Mrs. Harriet. GARDENING IN THE SHADE. 205 p. N.Y., Scribner, 1939. 97.2 M83

This manual for the amateur gardener describes the possibilities of gardens in varying degrees of shade: woodland gardens, formal gardens, city yards and terraces. A descriptive list contains 500 plants suitable for different degrees of shade.

Moore, Arthur. THE FARMER AND THE REST OF US. 226 p. Boston, Little, Brown and co., 1945. 281.12 M78

This is a plea to city dwellers to understand the plight of the farmer as illustrated by actual farm conditions experienced by individual farmers.

Pierce, Anne. QUICK FREEZING; a digest of authoritative information on quick freezing of foods for the home. 84 p. N.Y., M. Barrows and co., 1944. 389.3 P61Q

Tead, Ordway. THE ART OF LEADERSHIP. 308 p. N.Y., Whittlesey House, 1935. 140 T22A

The purpose of this book was to help those who direct others.

Westcott, Cynthia. THE PLANT DOCTOR; the how, why and when of disease and insect control in your garden. Rev. ed. with new chapters on regional plant troubles. 297 p. N.Y., Frederick A. Stokes co., 1940. 464.4 W52 1940.

The author discusses common garden enemies in clear non-technical terms.

Marie L. Gould
Librarian



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Vol.5, no.9.
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Entomology

Collection and preservation of insects, by P.W. Oman and Arthur D. Cushman.
U.S. Dept. of agriculture. Miscellaneous publication no.601, 42 p. 1946.
1 Ag84M no.601.

Instructions for making bark beetle surveys in the virgin ponderosa pine stands
of Oregon and Washington, by Walter J. Buckhorn. 64 p. Portland, Oreg.,
U.S. Bureau of entomology and plant quarantine, Forest insect laboratory,
1944. 1.967 F4In7

Farming

AMERICAN FARMING: AGRICULTURE, by Andrew Boss, Harold K. Wilson and William E.
Petersen. 4 vols. St. Paul, Minn. Webb Book publishing co., 1945. 30.2
B65A

This set of books takes up all phases of farming. Vol. 1 is an intro-
duction, discusses agricultural production area types of farming, starting
a farm business and introduces the principal crops, gardening, fruit grow-
ing, forestry, dairying and other forms of livestock production.

Vol.2 is on organization and takes up farm accounting, farm inventory,
mapping the farm and farm production, and improving the farm organization
and production.

Vol.3 is titled: "Operating and managing the Farm". Here marketing,
equipment, efficiency of management and planning the work program are
considered.

Vol.4 is on farm ownership problems, leases, deeds, mortgages, coops,
and systems of breeding for both plant and animal life.

Cash receipts from farming, by states and commodities, calendar years 1924-
44, compiled by Gertrude A. Gronbeck and Selma F. Goldsmith. 183 p. Wash-
ington, D.C., 1946. 1.941 H22C26

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics.
The expanding productive potential of western agriculture, by Marion Clawson.
9 p. 1946. 1.941 A2C57

Issued by U.S. Bureau of agricultural economics.

Feed consumption and the production of pork and lard, by L. Jay Atkinson and
John W. Klein. U.S. Dept. of agriculture. Technical bulletin no.917,
21 p. 1946. 1 Ag84Te no.917.

IDAHO LABORSAVING IDEAS. Idaho. Extension service. Extension bulletin
no.158, 1946. 275.29 Id13 no.158.

This publication includes plans of 48 laborsaving ideas for use around
the farm, such as: food preservation equipment, potato piler, spray corral,
egg cleaner, septic tank, two-wheel light weight trailer, etc.

Improvement of alkali land, by W.L. Powers. Oregon. Agricultural experiment
station. Station circular of information no.387, 3 p. 1946. 100 Or3C
no.387.

Land clearing with a bulldozer, by R.N. Miller. Washington. State college. Extension service. Extension bulletin no.343, 16 p. 1946. 275.29 W27P no.343.

Poultry lighting for egg production, by John B. Dobie, J.S. Carver and June Roberts. Washington. Agricultural experiment station. Bulletin no.471, 27 p. 1946. 100 W27E no.471.

Proceedings of the National joint committee on nitrogen utilization. 3d, 119 p. 1944. 57.9 N217 3d

Articles of interest in this region:

Economic use of nitrogen carriers in improving production of Willamette Valley soils, by W.L. Powers. pp.89-91.

Commercial fertilizer usage in Hood River Valley, (Oregon) with special reference to nitrogen, by Gordon G. Brown. pp.91-98.

Results obtained from the use of nitrogen fertilizers on wheat (Idaho), by G. Orien Baker. p.99.

Utilization of wheat straw and stubble by nitrogen fertilizers, by G.M. Horner, J.L. Haddock and S.C. Vandecavaye.

Sewage and garbage disposal on the farm, by J.W. Rockey and J.W. Simons.

U.S. Dept. of agriculture. Farmers' bulletin no.1950. 28 p. 1946. 1 Ag84F no.1950.

Squab raising, by Alfred R. Lee and Sheppard K. Haynes. U.S. Dept. of agriculture. Farmers' bulletin no.684, 25 p. Rev. 1946. 1 Ag84F no.684.

STANDARD METHODS FOR THE EXAMINATION OF DAIRY PRODUCTS. Microbiological, bioassay and chemical. 8th ed. 288 p. New York, American public health association. Association of official agricultural chemists, 1941. 448.2 Am3 Ed.8.

Watch your step, avoid farm accidents. U.S. Dept. of agriculture. Miscellaneous publication no.608, 32 p. 1946. 1 Ag84M no.608.

Forestry

An analysis of the forest situation in the Grays Harbor area, state of Washington, by Wm. E. Bates, Jr. 23 p. Portland, Oreg., U.S. Forest service, Region 6, 1944. 1.9621 R6An1

Calculating the growth of ponderosa pine forests, by Philip A. Briegleb. 60 p. Portland, Oregon, 1945. 1.9622 P2C12

Issued by U.S. Forest service. Pacific Northwest experiment station.

THE FOREST RESOURCES OF BRITISH COLUMBIA. 195 p. Victoria, B.C., 1945. 99.21 M91 1945.

Report of the Commissioner, the honourable Gordon McG. Sloan, Chief Justice of British Columbia.

NATIVE WOODS FOR CONSTRUCTION PURPOSES IN THE SOUTH CHINA SEA REGION, by J.H. Kraemer. Burma, Malay Peninsula, Thailand, Sumatra, Java, Borneo, French Indo-China, and Southeast China including Hainan and Formosa. 277 p. Washington, D.C., 1945. (U.S. Dept. of the navy. Bureau of yards and docks. Navdocks P-163) 153.9 N212.

NATIVE WOODS FOR CONSTRUCTION PURPOSES IN THE WESTERN PACIFIC REGION, by J.H. Kraemer. Rev. ed., covering the Solomon Islands, New Guinea Island, the Bismarck Archipelago, the Molucca Islands, Celebes, and the Philippine Islands. 382 p. Washington, D.C., 1944. (U.S. Dept. of the navy. Bureau of yards and docks. Navdocks P-101) 153.9 N21

General information is given about each region, including topography, climate and forest vegetation. There are maps of the islands. Line drawings and data for identifying each species is given as well as characteristics of the wood and its uses.

A primer of chemical seasoning, Douglas fir, by D.F. Hill and A.L. Mottet.

West Coast lumbermen's association. Progress report no.1, 21 p. Rev.1945.

West Coast lumberman's association. West Coast lumber seasoning. Research bulletins.

- no.1. Moisture content of West Coast lumber. 9 p. 1942.
- no.2. Temperature, relative humidity, and air circulation in the kiln drying of West Coast lumber. 10 p. 1942.
- no.3. End seals for West Coast lumber. 3 p. 1942.
- no.4. The kiln drying of West Coast aircraft lumber. 25 p. 1943.
- no.5. Uniform temperatures and humidities an essential part of kiln control. 13 p. 1944
- no.6. The wind tunnel lumber dryer. 20 p. 1946.

Health

THE EXPERIMENTAL HEALTH PROGRAM OF THE UNITED STATES DEPARTMENT OF AGRICULTURE. 166 p. Washington, U.S. Govt. print. off., 1946. (U.S. 79th cong., 2d sess. Senate Subcommittee monograph no.1) (No call number.)

HOSPITAL CONSTRUCTION ACT. Hearings before the Committee on education and labor, Senate, 79th Congress, 1st session. 380 p. Washington, U.S. Govt. print. off., 1945. (No call number!)

MEDICAL CARE INSURANCE? A SOCIAL INSURANCE PROGRAM FOR PERSONAL HEALTH SERVICES, Report from the Bureau of research and statistics, Social security board. 185 p. Washington, U.S. Govt. Print. Off., 1946. (U.S. 79th Cong. 2d sess. Senate committee print no.5) (No call number.)

Home economics

Community canning centers. U.S. Dept. of agriculture. Miscellaneous publication no.544, 86 p. 1946. 1 Ag84M no.544.

Home freezing of fruits and vegetables. U.S. Dept. of agriculture. AIS - 48, 24 p. 1946. 1 Ag844i no.48.

Horticulture

Carrot production in the West and Southwest, by Thomas W. Whitaker and others. U.S. Dept. of agriculture. Circular no.750, 32 p. 1946. 1 Ag84C no.750.

Classification of barley varieties grown in the United States and Canada in 1945, by Ewert Aberg and G.A. Wiebe. U.S. Dept. of agriculture. Technical bulletin no.907, 190 p. 1946. 1 Ag84Te no.907.

The curly top disease of vegetable crops in Oregon, by B.F. Dana. Oregon. Agricultural experiment station. Station circular of information no.386, 6 p. 1946. 100 Or3C no.386.

Savory herbs: culture and use, by M.S. Lowman and Miriam Birdseye. U.S. Dept. of agriculture. Farmers' bulletin no.1977, 33 p. 1946. 1 Ag84F no.1977.

Walnut production in California, by L.D. Batchelor, O.L. Braucher and E.F. Serr. Calif. agricultural experiment station. Circular no.364, 34 p. 1945. 100 Cl2S no.364.

Housing

Government policies as they affect a rural housing program, by Gladwin E. Young. 16 p. 1946. 1.941 AZY82

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics.

"Presented to Central States Extension housing conference, Chicago, Illinois, January 24-26, 1946."

Range management

Grasses and cultural methods for reseeding abandoned farm lands in Southern Idaho, by R.H. Stark, J.L. Toevs and A.L. Hafenrichter. Idaho. agricultural experiment station. Bulletin no.267, 36 p. 1946. 100 Id1 no.267.

Livestock production in relation to land use and irrigation in the eleven western states, by H.E. Selby and Donald T. Griffith. 43 p. Berkeley, Calif., 1946. 1.941 H2L752

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics. Range condition; a classification of the annual forage type, by D.I. Grover. 17 p. Corning, Calif., 1945. 1.9609 R164
Issued by U.S. Soil conservation Service.

Soil conservation

THE HOLY EARTH, by L.H. Bailey. 117 p. New York, The Christian rural fellowship, 1946. 30.4 B15 1946.

This book is the author's expression of his youthful experience on a farm cut from a forest. He was impressed with the fact that nature repairs and reconstructs itself. If the farm is wholly abandoned, nature takes it over and in time rears a new forest and builds new land. The circumstances of the native earth are the essential background of the race of men. The book attempts to express the attitude that men should have to these circumstances.

This book was listed as one on the Soil conservation "classics".

SOIL EXHAUSTION AS A FACTOR IN THE AGRICULTURAL HISTORY OF VIRGINIA AND MARYLAND, 1606-1860, by Avery Odelle Craven. 179 p. Urbana, Ill., University of Illinois, 1925. (Illinois. University. Studies in the social sciences vol. 13, no.1) 56.6 C85

The purpose of the author was to study the general conditions surrounding agriculture in a certain period, to follow the methods employed, and, as far as possible, to note the results produced, in the light of the present day understanding of soil fertility and soil depletion. The term "soil exhaustion" was applied as men of the period applied it. Soils thought to be exhausted and those which were largely reduced had the same social effects and distinctions were not made.

This book was listed as one of the Soil conservation "classics".

U.S. Dept. of agriculture

Abridged chronology of agriculture's part in the war. U.S. Dept. of agriculture. Office of information. Document no.3, 26 p. Nov. 1, 1945. 1.90 A2Un32 no.3.

Biographies of persons in charge of federal agricultural work, 1836 to date.

U.S. Dept. of agriculture. Office of information. Document no.9, 14 p.

Aug. 1, 1945. 1.90 A2Un32 no.9.

Condensed history of the U.S. Department of agriculture. U.S. Dept. of agriculture. Office of information. Document no.4, 16 p. Rev. Feb. 1, 1946. 1.90 A2Un32 no.4.

Constituent agencies of the U.S. Department of agriculture. U.S. Dept. of agriculture. Office of information. Document no.2, 72 p. Rev. March 1946. 1.90 A2Un32 no.2.

Origin, structure and functions of the U.S. Department of agriculture. U.S. Dept. of agriculture. Office of information. Document no.1, 19 p. Rev. Jan. 1946. 1.90 A2Un32 no.1.

Our department scientists. U.S. Dept. of agriculture. Office of information. Document no.10, 10 p. Rev. Feb. 1946. 1.90 A2Un32 no.10.

Outstanding scientific publications by USDA research workers issued by the Department of agriculture. U.S. Dept. of agriculture. Office of information. Document no.7, 28 p. Rev. Oct. 22, 1944. 1.90 A2Un32 no.7.



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October 1946

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NEW BOOKS IN THE LIBRARY

AIDS TO TECHNICAL WRITING, by Richard C. Jordan and Marion J. Edwards. Minnesota. University. Engineering experiment station. Bulletin no.21, 117 p. Minneapolis, 1944. 290.9 M662

This bulletin aims to separate and summarize methods which lead to interesting and effective technical writing. The proper design of the format, the preparation of illustrations and drawings, the use of accepted symbols and abbreviations, and the correct handling of bibliographies, numbers, and equations are helpfully given.

THE ART OF PLAIN TALK, by Rudolf Flesch. 210 p. New York, Harper, 1946. 200.4 F63 Ed.3.

This book was recommended in USDA as a help on how-to-write. The author is obviously a man who practices what he preaches for his book is definitely easy reading. In case you do not appreciate your language, listen to Mr. Flesch: "Among the world's great languages, the runner-up to Chinese is English. It's simpler, more flexible, more practical than any other Western language because it has gone furthest in losing inflections and straightening our irregularities."

THE COMPLEAT RANCHER, by Russell H. Bennett, with drawings by Ross Santee. 246 p. New York, Rinehart & company, inc., 1946. 43 B43

If you want to know how to break a horse, brand a calf, shoot a bear or buy a ranch, this book is for you. Here is sound advice on cattle breeding and information on the economics of ranching by a rancher with years of experience.

COWPHILOSOPHY; the art of practical dairy practice, by Mark Hawkins Keeney. 2d. ed. rev. and enl. 275 p. Lacona, N.Y., Holstein-Friesian world, 1945. 43 K25 Ed.2.

The author is a successful dairyman of long experience and fully qualified to write on the subject. While he has worked exclusively with Holsteins, the broad principles of his experience apply equally to all breeds of dairy cattle. The style is interesting and understandable. One chapter consists of the questions and answers on practical herd management originally published in the Holstein-Friesian world.

EDUCATION FOR RURAL AMERICA, ed. by Floyd W. Reeves. 213 p. Chicago, Ill., University of Chicago press, 1945. 275 R25E

How can education improve rural life and the life of the nation? What agencies contribute most to rural education? For what type of living should rural youth be prepared? You will find the answers to these questions in this book. It deals with the total picture of rural education in America

including material on schools, library service and adult education.

ESSENTIALS OF AERIAL SURVEYING AND PHOTO INTERPRETATION, by Talbert Abrams. 289 p. New York, McGraw-Hill book co., inc., 1944. 325.2 Ab8

This book tells how to make aerial maps, how to interpret them and how to operate photogrammetric equipment. All this is covered fully and simply.

FARM SOILS, THEIR MANAGEMENT AND FERTILIZATION, by Edmund L. Worthen. 3d ed. 515 p. New York, J. Wiley and sons, inc., 1941. 56.7 W89 Ed.3.

This book was written for farmers and students interested in the problems of practical soil management. Specific instructions are given for draining and tilling soils, for controlling erosion, and, more briefly, for irrigating land and practicing dry-land farming. Special emphasis is placed on such fertility practices as manuring, liming, fertilizing, and growing soil-improving crops. An effort was made to connect soil practices with crops as in the chapters devoted to managing field soils, pasture soils, garden and lawn soils and fruit soils.

500 MORE THINGS TO MAKE FOR FARM AND HOME, by Glen Charles Cook. 471 p. Danville, Ill., The Interstate, 1944. 58 C772F vol.2.

This volume covers the same subjects as in Vol. I. Special emphasis has been given metal work. Repairing of farm machinery is given and cabinets, closets, details of house construction. Illustrations are on every page accompanied by the bill of materials.

FUNGICIDES AND THEIR ACTION, by James G. Horsfall. 239 p. Waltham, Mass., Chronica Botanica co., 1945. (Annales cryptogamici et phytopathologici. Vol.2) 450 An77 no.2.

The author is concerned with (1) procuring the proper materials for killing the enemy and (2) delivering them to him in sufficient quantity when and where he is vulnerable. The object of this book is to discuss the two problems in the light of the chemistry and physiology of toxic action and of the mechanics of application. In general, the illustrative examples are from the field of plant pathology, although there are many from the field of wood and fabric preservation, human pathology, bacteriology and entomology.

HOUSEHOLD MECHANICS; industrial arts for the general shop, by Earl L. Bedell. 2d ed. 241 p. Scranton, Pa., International textbook company, 1945. 291 B39 Ed.2.

The life of a house frequently is estimated at fifty years. The selection of its equipment and its maintenance are matters of pride and vital interest to us. This revised edition of Household mechanics gives information for the general home workshop about household appliances, repair and maintenance problems such as the care of doors and windows, use of concrete, plumbing, painting, etc. There are many helpful illustrations.

HOW TO CHOOSE, PLAN AND BUILD YOUR OWN HOUSE, by Helen Koues. 128 p. New York, Tudor publishing co., 1946. 296 K842

This book is beautifully illustrated with interior and exterior views and plans. It includes ideas on expansion, financing, the modern trend and prefabricated houses built on the solar principle.

THE LAND RENEWED; the story of soil conservation, by William R. Van Dersal and E.H. Graham. 109 p. New York, Oxford university press, 1946. 56.7 V28

This is the best bet for the person who wants to get a broad understanding of soil and water conservation in an hour's interesting reading. The facts are all there in 100 pages of story and dramatic photographs - every other page a photograph. The wasted land is shown, then you read the treat-

ment and next, you see the land renewed.

MILK AND MILK PRODUCTS; prepared for the use of agriculture college students, by Clarence Henry Eckles, Willes Branes Combs and Harold Macy. 3d ed. 414 p. New York, McGraw-Hill, 1943. 44 Ec5M Ed.3a

The authors "found it advisable to dwell rather intensively on the composition and properties of milk and the factors which influence those characteristics. In this connection, a discussion of the microbiology of milk is presented because of the important relationship of microorganisms to changes in the composition and properties of milk and its products."

There are chapters on The Babcock test for determining fat content, manufacture of butter, cheese, ice cream, condensed milk and the very practical section on dairy arithmetic.

THE NATURE OF THE BEAST; a popular account of animal psychology from the point of view of a naturalist...based largely on the scientific publications, lectures, and notes of the late G. Kingsley Noble. 224 p. Garden City, N.Y., Doubleday, 1946. 411 N66 1946.

This is the fascinating story of animal behavior. There is information on instinct, animal intelligence and learning, on social rank, sex recognition, and courtship.

THE OUTER EDGE, by Bradford Kempton Daniels. 326 p. Caldwell, Id., The Caxton printers, ltd., 1943. 281.2 D22

This is the story of a globe trotter and city-dweller who finally went to the country to escape the city. He and his family are perfectly satisfied with their life and wouldn't go back. Though much hard work and disappointment marks such a life, it is more than compensated by the security, independence and simple pleasure it brings. This book presents the varied aspects of a modern man's return to the soil and the account is rich with anecdote and humor.

PRACTICAL SUPERVISION, by Palmer J. Kalsem. 136 p. New York, McGraw-Hill book company, inc., 1945. 249.3 K12

Although originally written and illustrated mainly for engineering and office supervisors, the book is suited for all supervisors, whether in the office, shop, or drafting room. The author practices what he preaches and the practical treatment includes a brief, forthright style, a human-interest approach, and humorous but pointed illustrations. Recommended by the Forest Service.

RESEARCH IN PUBLIC ADMINISTRATION. Part I, Report of Committee...1934-1945, by William Anderson. Part II, Research in public administration, 1930-1945, by John M. Gaus. 221 p. Chicago, Public administration service, 1945. (Social science research council, Committee on public administration, Studies in administration, v.13.) 280.12 Sol3R

In addition to presenting a record of activities during the years covered, each of the reports contains recommendations for the future.

SUCCESS ON THE SMALL FARM, by Haydn S. Pearson. 285 p. New York, Whittlesey house, 1946. 31.3 P312

The farmer of today is as eager to provide his family with the necessities and comforts of life as the city dweller. Mr. Pearson, after 20 years of farming, is convinced that he should and can earn sufficient income to do this. Accordingly, he offers in this book a specific, practical program for making a cash profit of \$3,000 a year from a one-man farm of ten or twelve acres.

Starting with nine points to keep in mind when buying a farm, the author progresses to clear-cut discussions of irrigation, soil improvement and fertilization, tools and equipment and the selection and care of poultry and livestock. The important point of the program is the choice of several specialty crops that will bring in a high cash income from May to November. Marketing methods are carefully considered and, finally, there are two useful self-evaluating chapters entitled: "Ten ways beginners go wrong" and Ten qualities you need to be a farmer."

TRAMPLING OUT THE VINTAGE, by Joseph A. Cocannouer. 221 p. Norman, University of Oklahoma press, 1945. 120 C64.

Young Joe Cocannouer, fresh from agricultural college, had the novel idea of improving the farming methods of the fathers by showing the sons a better way. He went back to the sand hills of Oklahoma ostensibly to teach the three R's, actually to teach a more scientific agriculture under the guise of nature study - there were no courses in vocational agriculture those days, no Future Farmers of America or 4-H Clubs.

Cocannouer found that "trampling out the vintage where the grapes of wrath are stored" could not be done in a day, and now he knows, not even in a lifetime.

Scientific agriculture called "nature study" got back to the parents, and then there was trouble. The author found better opportunity abroad. In the Philippines, his idea worked. In California, he changed his methods completely, combining agricultural study with practical experience. A generation of young orchardists, dairymen, and general farmers went out from his school to prove the soundness of this method.

SELECTED NEW ACCESSIONS

Alaska

Alaska fishery and fur seal industries: 1944, by Ward T. Bower. U.S. Dept. of the interior. Fish and wildlife service. Statistical digest no.13, 79 p. Washington, U.S. Govt. print. off., 1946. 156.2 St2 no.13.

Dairying

Production of manufactured dairy products, 1944. 57 p. Washington, D.C., 1946. 1.9 Ec724D

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics. Publications of the Bureau of dairy industry relating to cheese. (BDIM-Inf-36) 11 p. 1946. 1.973 D4P34 no.36.

Issued by U.S. Dept. of agriculture, Bureau of Dairy industry. Publications of the Bureau of dairy industry relating to ice cream. (BDIM-Inf-35) 6 p. 1946. 1.973 D4B34 no.35.

Issued by U.S. Dept. of agriculture, Bureau of dairy industry.

Farm Security Administration

Washington Farm security administration borrowers weigh the future, a comparison of their views with those of large-scale operators, by Paul H. Landis. Washington. Agricultural experiment station. Bulletin no.472, 16 p. 1946. 100 W27E no.472.

Farming

Chemical composition of hay and forage crops as affected by various soils treatments, by H.J. Snider. Illinois. Agricultural Experiment station. Bulletin no.518, 292 p. 1946. 100 Il6S no.518.

Dairy herd sires, management and housing, by H.P. Swalt, M.G. Huber and Dale E. Kirk. Oregon. Extension service. Extension bulletin 661, 16 p. 1946. 275.29 Or32B no.661.

The deficit in protein for livestock, a quantitative estimate of needs based on feeding standards, by R.D. Jennings. 28 p. Washington, D.C., 1946. 1.941 A2D36

Issued by U.S. Bureau of agricultural economics.

Farm production, farm disposition, and value of principal crops, 1944-45. 61 p. Washington, D.C., 1946. 1.9 Ec7lPrf

Issued by U.S. Bureau of agricultural economics, Crop reporting board. Generalized types of farming in the United States. 49 p. Washington, D.C., 1946. 1.941 L6G28

Issued by U.S. Bureau of agricultural economics.

Harvesting the hay crop, by A.P. Brodell, T.O. Engebretson and Charles G. Carpenter. U.S. Bureau of agricultural economics, F.M. 57, 22 p. 1946. 1.941 L6F22 no.57.

Hay harvesting practices in Wisconsin and Minnesota, by Emil Rauchenstein. 18 p. Milwaukee, Wis., 1946. 1.941 S2H32

Issued by U.S. Bureau of agricultural economics in cooperation with Wisconsin agricultural experiment station and Minnesota agricultural experiment station.

Making good on what FSA stands for from a farm ownership standpoint. 16 p. 1946. 1.95 T25A

"Paper presented by Paul V. Maris, Director, Farm ownership division at the annual FSA planning and policy conference - Washington, D.C., June 6, 1946." Meat animals, farm production and income, 1944-45. 20 p. Washington, D.C., 1946. 1.9 Ec7lFp

Issued by U.S. Bureau of agricultural economics.

The oriental fruit moth, a new pest in Oregon, by Charles H. Martin. Oregon. Agricultural experiment station. Station circular of information no.390, 6 p. 1946. 100 Or30 no.390.

Outlook for hops, by Marion Clawson and D.B. DeLoach. 44 p. Berkeley, Calif., 1946. 1.941 S2H77

Issued by U.S. Bureau of agricultural economics.

Typical family-operated farms, 1930-45, adjustments, costs and returns, by Wylie D. Goodsell, Ronald W. Jones and Russell W. Bierman. U.S. Bureau of agricultural economics, F.M. 55, 91 p. 1946. 1.941 L6F22 no.55.

Wages and wage rates of hired farm workers, United States and major region, May 1945, by Louis J. Ducoff and Barbara B. Reagan. 59 p. Washington, D.C., 1946. 1.941 R3Su7

Issued by U.S. Bureau of agricultural economics.

Food

Our hungry world; facts on food around the globe. 37 p. Washington, D.C., 1946. 1.914 A20u7

Issued by U.S. Dept. of agriculture, Office of information.

Health

Toward mental health, by George Thorman. 32 p. 1946. (Public affairs pamphlet no.120) 280.9 P964 no.120.

"This pamphlet was prepared in cooperation with the National mental health foundation and has been carefully checked by a number of the country's leading psychiatrists."

Housing

O.S.C. farm building plan service listing farm building and equipment plans available. Oregon. Extension service. Extension circular no.487, 25 p. 1946. 275.29 Or320 no.487.

Rammed earth walls for farm buildings, by Ralph L. Patty and L.M. Minium. South Dakota. Agricultural experiment station. Bulletin 277, 63 p. Rev. 1945.
100 So82 no.277, rev.
Septic tanks for Oregon rural homes, by M.G. Huber. Oregon. Extension service. Extension bulletin 670, 16 p. 1946. 275.29 Or32B no.670.

Range management

Distinguishing characteristics of some forage-grass diseases prevalent in the North Central states, by J. Lewis Allison and D.W. Chamberlain. U.S. Dept. of agriculture. Circular no.747, 16 p. 1946. 1 Ag84C no.747.
Range condition; a classification of the bunchgrass forage type in the Kittitas soil conservation district, by R.R. Humphrey and Arthur E. Miller. 13 p. Ellensburg, Wash., 1945. 1.9609 R168
Issued by U.S. Dept. of agriculture, Soil conservation service.
Range condition; a classification of the timber-grass forage type in the Asotin county soil conservation district, by R.R. Humphrey and John E. Moats. 14 p. Asotin County, Wash., 1945. 1.9609 R169
Issued by U.S. Dept. of agriculture, Soil conservation service.

Soil conservation

Erosion and civilization, by Walter C. Lowdermilk. 12 p. 1945? 1.96 Ad63
"Paper read before Conference on Conservation, human nutrition, and health - Athens, Ohio, June 30 - July 1, 1945."
Issued by U.S. Soil conservation service.

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Marie L. Gould
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Vol.5, no.11.
November 1946

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Ag84C , Or3C , Ec71Prf
no.747 no.390

Author and title are necessary, too, for sure identification.

NEW BOOKS IN THE LIBRARY

AN AGRICULTURAL TESTAMENT, by Sir Albert Howard. 253 p. London, Oxford, university press, 1945. 56.6 H33A 1945.

"The purpose of this book is to draw attention to the destruction of the the earth's capital - the soil; to indicate some of the consequences of this; and to suggest methods by which the lost fertility can be restored and maintained." This project is founded on the work and experience of forty years. The Indore method for maintaining soil fertility by the manufacture of humus from vegetable and animal wastes is described. There is also a chapter on Soil fertility and national health.

FOREST SOILS AND FOREST GROWTH, by S.A. Wilde. 241 p. Waltham, Mass., Chronica Botanica company, 1946. 56.3 W64F

"The soil directly influences the composition of forest stands, their morphological pattern, rate of growth, quality of wood, reproductive vigor, degree of resistance to diseases, stability against the wind, and other important aspects. An understanding of the forest lies just as much below as above the ground line."

The author aimed to interpret forest soils as media for the growth of nursery stock and as systems that react to different forms of silvicultural cutting. The importance of large soil groups as natural acclimatizational units is stressed.

GREENHOUSES, THEIR CONSTRUCTION AND EQUIPMENT, by W.J. Wright. Rev. ed. 269 p. New York, Orange Judd publishing co., 1946. 90.14 W93 Ed.3.

A comprehensive manual covering the construction and equipment of greenhouses and other like structures used for the growing of plants. It is based on practical experience. The revision was made especially to include the advances which have been made in equipment and devices, electric, automatic or semi-automatic.

THE LONGEVITY OF PLANTS, by Dr. Hans Molisch. 226 p. New York, 1938.

463.36 M73A

Is the tree potentially endowed with perpetual life? This book gives the answer. Another interesting section is on rejuvenescence of plants.

MANAGING A FARM, by Sherman E. Johnson and others. 365 p. New York, D. Van Nostrand company, inc., 1946. 281.12 J62

The central purpose of this book is to provide practical guidance in thinking through the management problems on a full-time family farm. Emphasis is placed on part-time farming, too, because of the growing interest in this subject.

Special problems in various sections of the U.S. are given consideration.

MARKETING IN THE WEST, by Nathanael Howard Engle. 263 p. New York, Ronald press, 1946. 280.32 En3

This study is timely, having been started in 1945. It ushers in the postwar period for western marketing and provides a background for market planning at a time when businessmen are faced with many urgent problems.

Chapters of special interest will be: Distribution of Western lumber products; Agricultural marketing in the West; Cooperative marketing in California; Idaho potatoes; Washington apples; Oregon wood; Washington dairy products.

METHODS IN PLANT PHYSIOLOGY, a laboratory manual and research handbook, by Walter E. Loomis and Charles A. Shull. 472 p. New York, McGraw-Hill Book company, inc., 1937. 463.6 L87

PACIFIC COAST RANGES, by Roderick Peattie, ed. 402 p. New York, Vanguard press, 1946. 125 P323

(The American mountain series)

The contributors, Archie Binns, John W. Caughey, Donald Culross Peattie and others have written in popular style. The book contains colorful chapters on people of Oregon, Washington and California ranges. Wildlife, geology, climate, lumbering, the foothills and exploration are well treated and will be of interest to all loyal Westerners. The beautiful illustrations are well chosen.

PLANT MAGIC, by James P. Haworth. 148 p. Portland, Oreg., Binfords & Mort, 1946. 463 H31

This book presents a brief, non-technical account of how the scientific experimenter works and reveals certain wonders of science principally concerned with producing new species of plants. Some of the "magic" elements are chromosomes, hybrids, grafting and "inducants".

THE STUDY OF THE SOIL IN THE FIELD, by G.R. Clarke. 3d ed. 227 p. London, Oxford university press, 1945. 56 C55 Ed.3 1945.

"The study of the soil in the field makes demands upon the worker of a somewhat peculiar nature: it requires not merely a knowledge of natural science of no mean order, but it demands a faculty for keen and accurate observation of details..." The author has made a special study of this aspect of soil work and has tried in this book to put together his own experience and that of other workers in such a way as to be helpful. Subjects discussed are: Soil site-characteristics; Soil-profile pit; Soil sampling; Soil survey and mapping; Notes on soil-survey systems in different countries.

AN ILLUSTRATED MANUAL OF PACIFIC COAST TREES, by Howard E. McMinn and Evelyn Maino. 409 p. Berkeley, University of California press, 1946. 455.8 M22 Ed.2 1946.

By Pacific Coast, the author means California, Oregon, Washington and British Columbia. He includes the native and about 400 introduced species giving full data for identification. Lists of trees recommended for use on the Pacific Coast form a valuable appendix.

SELECTED NEW PAMPHLET MATERIAL

Agricultural finance

Farm land prices. 6 p. New York, American bankers association, Agricultural commission, 1946. 284.3 Am33

Farm-mortgage debt declines during 1945 but at slower rate. 6 p. 1946.

1.941 F4F224

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics. Postwar federal finance and agriculture, by Tyler F. Haygood. 31 p. 1945.

1.941 A5P843

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics. Strawberry cost study Kitsap county, Washington, 1944, by Arthur Cagle and Dino R. Sivo. Washington. Extension service. Extension mimeo. no.330, 7 p. 1945. 100 Wash. Ext. mimeo. no.330.

Variations in farm incomes and their relation to agricultural policies. 27 p. Washington, D.C., Chamber of commerce of the United States, Agricultural department, 1945. 281.12 C35V

Conservation

Conserve natural resources for sound national economy, by Clinton P. Anderson. 10 p. 1946. 1.91 A2An2

Issued by U.S. Dept. of agriculture. Office of the secretary.

How to fight grass fires. 17 p. Lincoln, Nebr., 1946. 1.9607 H832

Issued by U.S. Soil conservation service. Region 5.

Observations of work done by soil conservation districts in western states, by Harry G. Ade. 6 p. 1946. 1.9609 Ad3

Issued by U.S. Dept. of agriculture. Soil conservation service.

Research summaries, part III, by J.H. Stallings. 123 p. Washington, 1946.

1.96 R31Rs

Issued by U.S. Soil conservation service.

Review of data on contour furrowing, pasture and range land, by J.H. Stallings.

10 p. 1945. 1.96 R31Rc

Issued by U.S. Soil conservation service.

Summarization of strip cropping data on crop yield, runoff and soil loss, by J.H. Stallings. 9 p. 1945. 1.96 R31Ss

Issued by U.S. Soil conservation service.

Farming

The electric feed mixer. 5 p. n.d. 1.933 E1224

Issued by U.S. Rural electrification administration.

Electrically operated farm equipment. 20 p. Philadelphia, Pa., Farm Journal, Inc., Rural electric information exchange, 1945. 335 F2232

Farm population estimates, United States and major geographic divisions, 1910-1946. 18 p. Washington, D.C., 1946. 1.9 Ec763Fap

Issued by U.S. Dept. of agriculture. Bureau of agricultural economics.

Fertilizer recommendations for Washington. Washington. Extension service.

Extension bulletin 338, 18 p. 1946. 275.29 W27P no.338.

- Making and storing farm butter for home use, by William White. U.S. Dept. of agriculture. Farmers' bulletin no.1979, 16 p. 1946. 1 Ag84F no.1979.
- Paying for a farm, by Jas. L. Robinson and Geo. F. Ekstrom. U.S. Farm credit administration. Circular E-30, 19 p. Washington, U.S. Govt. print. off., 1946. 166.2 C4926 no.30.
- The salt problem in irrigation, research at the United States regional salinity laboratory. U.S. Dept. of agriculture. Miscellaneous publication no.607, 27 p. 1946. 1 Ag84M no.607.
- Sheep dipping vats, by Joseph Muir. Washington. Extension service. Extension mimeo. no.336, 2 p. n.d. 100 Wash. Ext. mimeo. no.336.
- Blue print plans included.

Forestry

- Acetylated wood, by Harold Tarkow, Alfred J. Stamm and E.C.O. Erickson. U.S. Forest products laboratory. Report no. R1593, 29 p. 1946. 1.9 F761R no.1593.
- Fermentation of Douglas-fir hydrolyzate by *S. cerevisiae*, by Elwin E. Harris and others. U.S. Forest products laboratory. Report no. R1618, 27 p. 1946. 1.9 R761R no.1618.
- Fiber stresses for wood poles, by T.R.C. Wilson. U.S. Forest products laboratory. Report no. R1619, 13 p. 1946. 1.9 F761R no.1619.
- Forests and trees of the Western national parks, by Harold E. Bailey and Virginia Long Bailey. U.S. Dept. of interior. Conservation bulletin no.6, 129 p. 1941. 156.22 F52C no.6.
- Heat-stabilized wood (staywood), by Alfred J. Stamm, Horace K. Burr and Albert A. Kline. U.S. Forest products laboratory. Report no. R1621, 16 p. 1946. 1.9 F761R no.1621.
- Lumber shipped green can be protected against decay, by Carl Hartley. U.S. Forest products laboratory. Forest pathology special release no.26, 3 p. 1945. 1.965 F3F76 no.26.
- The Madison wood-sugar process, by Elwin E. Harris and Edward Beglinger. U.S. Forest products laboratory. Report no. R1617, 20 p. 1946. 1.9 F761R no.1617.
- Measuring volume of trees and logs, by Dan D. Robinson. Oregon. Extension service. Extension circular 490, 7 p. 1946. 275.29 Or32C no.490
- Sapstain control treatments before or after dressing, by Carl Hartley. U.S. Forest products laboratory. Forest pathology special release no. 27, 2 p. 1946. 1.965 F3F76 no.27.

Horticulture

- The control of walnut blight in the Pacific Northwest, by P.W. Miller. Oregon. Extension service. Extension circular 488, 6 p. 1946. 275.29 Or32C no. 488.
- Effect of chloride and sulfate salts on the growth and development of the Elberta peach on Shalil and Lovell rootstocks, by H.E. Hayward, E.M. Long and Rachel Uhvits. U.S. Dept. of agriculture. Technical bulletin no. 922, 48 p. 1946. 1 Ag84Te no. 922.
- A method of topworking pear trees for early maximum production and for reducing stony pit losses, by Gordon G. Brown. Oregon. Agricultural experiment station. Bulletin no.438, 23 p. 1946. 100 Or3B no.438.
- Some common mushrooms and how to know them, by Vera K. Charles. U.S. Dept. of agriculture. Circular no. 143, 60 p. Rev. 1946. 1 Ag84C no.143.

Miscellaneous

- Correspondence style manual. 30 p. Rev. Nov. 1945. 1 P432A
- Issued by U.S. Dept. of agriculture. Office of personnel. Division of training.

DDT and other insecticides and repellents developed for the armed forces. U.S. Dept. of agriculture. Miscellaneous publication no.606, 71 p. 1946.
1 Ag84M no.606.

A public health program for rural areas, by Frederick D. Mott. 8 p. 1946.
1.95 M46Mo

"Presented at National conference on rural health sponsored by the American medical association, Chicago, March 30, 1946."

Issued by U.S. Public health service, Farm security administration.

Radio is yours, by Jerome H. Spingarn. Public affairs pamphlet no.121, 31 p. 1946. 280.9 P964 no.121.

Weights and approximate measures of staple foods. Washington. Extension service. Extension mimeo. no. 331, 2 p. n.d. 100 Wash. Ext. Mimeo. no. 331.

Your community and its young people, their employment and educational opportunities U.S. Dept. of labor. Children's bureau publication no.316, 31 p. 1946.
158.2 P96 no.316.

"Best Sellers"

This is our "best seller" list - the books most in demand by our borrowers. There is a long list of people waiting to read each. Promptness in returning them by the date due will help take care of the requests waiting. Names are listed in the order received. If you requested one, be assured your turn will come eventually.

Bennett - The compleat rancher. 43 B43

Binns - The roaring land. 138 B51

Case - Last mountains. 125 C26

Cook - 500 more things to make for farm and home. 58 C772F Vol.2

Dillon - Sunset's cabin plan book. 296 D58

Engle - Marketing in the West. 280.32 En3

Flesch - The art of plain talk. 200.4 F63 Ed.3.

Halsey - Supervising people. 249.3 H16S

Howard - An agricultural testament. 56.6 H83A 1945.

Jordan - Aids to technical writing. 290.9 M662

Kalsem - Practical supervision. 249.3 K12

Koues - How to choose, plan and build your own house. 296 K842

Miller - This is photography. 332 M612

National joint committee on nitrogen fertilization. Proceedings. 57.9
N217 3d.

Pearson - Success on the small farm. 31.3 P312

Rodale - Pay dirt. 57.4 R61

Sundborg - Opportunity in Alaska. 280.007 Su7

Van Dersal - The land renewed. 56.7 V28

Worthen - Farm soils, their management and fertilization. 56.7 W89 Ed.3.

The library is here for your use. Make use of it. Plan to visit and get acquainted with the book collection.

Have you read these? Titles from the library shelves which you may have missed that might throw light on the housing problem:

Carter, Deane G. and Foster, W.A. FARM BUILDINGS. 3d ed. 404 p. .1941.
296 F81 Ed.3.

The author recognized that buildings are a necessary part of each farm unit. They are designed to provide shelter and the facilities for human occupation, for livestock accommodation, for storage and processing of food and feed and for utility storage or service. Plans for each type are considered, as well as the materials such as concrete or lumber. Protection measures for reinforcement, fire safety, lightning protection, termite control and wind resistance are discussed.

Hawkins, J. Harold. YOUR HOUSE, ITS UPKEEP AND REJUVENATION. 224 p. 1943.
323 H31

A well-illustrated omnibus of upkeep and repair from foundations to roof including insulation, painting, plumbing, heating, stucco, fans, fuses, etc.

Sloane, Louise. REVIVE YOUR OLD FURNITURE. 84 p. 1943. 318 SL5

This book gives advice on how to put your furniture into good repair, improve its appearance by changing its color or its lines, or remodel it so that it is more suitable for your present needs.

Sooy, Louise P. and Woodbridge, V. PLAN YOUR OWN HOME. 228 p. Stanford University, Calif., 1942. 318 So6

This book will give you the confidence to develop your ideas so that you can go ahead with them yourself or present to the architect, decorator or landscape gardener, a clear idea of what you want.

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Vol. 5, no. 12.
December 1946

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NEW BOOKS IN THE LIBRARY

ANIMAL SANITATION AND DISEASE CONTROL, by R.R. Dykstra. 568 p. Danville, Ill., The Interstate, 1946. 41 D99 1946.

The author stresses his impression that many animal ailments are controllable, if not preventable, when care, based on established principles, is followed.

The contents includes: Some animal health factors; Some animal disease factors; Methods of disease control; Infections and their handling; External and internal parasites and their control; Non-infectious, sporadic ailments and Surgical ailments.

THE CONSERVATION OF NATURAL RESOURCES; a textbook for junior and senior high schools, by Henry Basil Wales. 554 p. Chicago, Laurel book company 1944. 279.12 WL4

Conservationists please note! This book is on the list of material distributed by the Education section, Soil Conservation Service, which were reviewed by educators and recommended as being suitable for use in elementary and secondary schools.

DOUBLE-QUICK COOKING FOR PART-TIME HOMEMAKERS, by Mrs. Ida Cogswell (Bailey) Allen. 241 p. New York, Barrows, 1943. 389.25 A15D

Mrs. Allen wrote this book for the homemaker who is carrying on a full-time job away from home. It is streamlined cookery with all fuss and waste eliminated. Present shortages were considered while the book was written.

FARM TRACTOR MAINTENANCE, by Ivan Gregg Morrison. 202 p. Danville, Ill., The Interstate, inc., 1946. 58 M83F

The author includes sections on: Preventive maintenance procedures, Mechanical services in tractor maintenance; Maintenance through careful operation; Troubleshooting guide; and Tractor storage. The text is clarified by many practical illustrations and diagrams.

GOVERNMENT WAREHOUSE FACILITIES FOR ADMINISTRATIVE SUPPLIES AND EQUIPMENT.

37 p. Washington, D.C., 1946. (U.S. Bureau of the budget. Division of administrative management. Project no. 46-18) 151.281 G74

This report is of considerable importance to the administrative officers throughout the Department from the standpoint of improving supply operations.

GROUNDS FOR LIVING, by Richard B. Farnham and Van Wie Ingham, eds. 334 p.

New Brunswick, Rutgers University Press, 1946. 90 F23

This is a book on outdoor living - the home dweller's complete guide to his lawns, trees and gardens - a book on outdoor living. Fundamentals are simply told. A large part is given to planning the grounds. The last chapter on outdoor construction includes fireplaces, trellises and walks. The rest of the book is on gardening and soils.

HEALTH CARE OF THE FAMILY, by Ramona L. Todd and Ruth B. Freeman. 530 p.

Philadelphia, W.B. Saunders co., 1946. 449 T56

This book presents the basic facts and practical applications of health care. Consideration is given to environmental disease control and accident prevention, problems relating to reproduction and to individual health problems with the family group. The section on home care of the sick includes medications, treatments and care of infants.

LANGUAGE IN ACTION, a guide to accurate thinking, by S.I. Hayakawa. 345 p.

New York, Harcourt, Brace, 1941. 200 H32 1941.

There was a brief review and recommendation of this book in USDA, Sept. 16, 1946, p.4.

NEW HORIZONS IN PUBLIC ADMINISTRATION, a symposium. 145 p. University, Ala.,

University of Alabama press, 1945. 280.12 N45

The authors of these papers are outstanding in the field of public administration and the subjects chosen are timely: Legislative responsibility for the public service, by Leonard D. White; Administration efficiency within a democratic policy, by Marshall E. Dimock; Notes on the government executive, his role and his methods, by Donald C. Stone; the administrative resources of a region, the example of the Tennessee Valley, by Gordon R. Clapp; Field organization and staff supervision, by John D. Millett and Function and area in the administration of international affairs, by Arthur W. Macmahon.

NEW RICHES FROM THE SOIL, THE PROGRESS OF CHEMURGY, by Wheeler McMillen. 397 p.

New York, D. Van Nostrand, 1946. 388 M22

The exciting story of how new useful products are being created from what once was considered waste material. Written by the editor of the Farm Journal, this book opens new vistas to all creative, scientific and industrial America. Some examples of chemurgy are; clothing from milk and chicken feathers, tires from cotton and cigarette paper from flax waste.

PHOTOGRAPHIC SURVEYING, by B.B. Talley and Paul H. Robbins. 223 p. New York,

Pitman publishing corporation, 1945. 325.2 T14P

With the increased use of photography as a basis for mapping and the ever-increasing fields in which it is found applicable, more and more emphasis is being placed on the subject. This book provides up-to-the minute data on the subject.

PRACTICAL BEEF PRODUCTION, by Jack Widmer. 110 p. N.Y., Scribner, 1946. 43 W63

A guide to better beef-production which covers purebred breeding, the production of feeders and fattening and marketing. There is a chapter on range management of special interest to Western cattle producers.

STATISTICAL QUALITY CONTROL, by Eugene Lodewick Grant. 563 p. New York, McGraw-Hill book company, 1946. (McGraw-Hill industrial organization and management series) 251 G76

"This is a working manual. Its object is to explain simple but powerful statistical techniques, e.g. the Shewhart control chart, that can be widely used in industry to reduce costs and improve products quality. The most effective use of these techniques depends upon their being understood by production and inspection supervisors, by engineers, and by management... The aim has been to give just enough theory to supply practical working rules that will enable one to recognize the limitations of the methods as well as their many uses." - Preface.

SELECTED NEW PAMPHLET MATERIAL

Agricultural trade

Agricultural imports and exports in relation to American agriculture. 18 p. Washington, D.C., Chamber of commerce of the United States, Agricultural department, 1945. 286 C354Ag

Alaska

Alaska. 65 p. Washington, D.C., 1945. 156.862 All

Issued by U.S. Dept. of the interior, Division of territories and island possessions.

Forty-seven years of experimental work with grasses and legumes in Alaska, by Don L. Irwin. Alaska. Agricultural experiment stations. Bulletin no.12, 48 p. 1945. 100 ALL22B. no.12.

Columbia Basin problems

U.S. Bureau of reclamation. Columbia Basin joint investigations. 156.85 J66
(When requesting these be sure to give problem numbers):

Problem no.1. Farm experience studies. 94 p. 1942.

no.2. Types of farming. 320 p. 1945.

no.3. Insuring proper land use. 26 p. 1945.

no.6-8. Farm size and adjustment to topography. 115 p. 1946.

no.7. Special land units. (for small farm units). 175 p. 1945.

no.9. Farm improvement. 126 p. 1945.

no.13. Allocation of repayment charges by class of land. 155 p. 1945.

no.14. Financial aid for settlers. 120 p. 1945.

no.17. Development rate of project lands. 25 p. 1945.

no.21. River transportation. 26 p. 1945.

no.23. Rural and village electrification. 78 p. 1945.

no.25. Rural recreational areas. 65 p. 1945.

Farming

Changes in farming in war and peace, by Sherman E. Johnson. U.S. Bureau of agricultural economics. FM 58, 99 p. 1946. 1.941 L6F22 no.58.

Currants and gooseberries, their culture and relation to white-pine blister rust.
U.S. Dept. of agriculture. Farmers' bulletin no.1398, 36 p. Rev. 1946.
1 Ag84F no.1398 Rev. 1946.

Handling and preparing the Kieffer pear for use as food, by C.W. Culpepper,
J.M. Lutz and H.H. Morn, U.S. Dept. of agriculture. Farmers' bulletin
no.1796, 15 p. Rev. 1946. 1 Ag84F no.1796 Rev. 1946.

Incubation and brooding of chickens, by M.A. Jull and A.R. Lee. U.S. Dept. of
agriculture. Farmers' bulletin no.1538, 26 p. Rev. 1946. 1 Ag84F no.1538.

A pasture handbook, by A.T. Semple and others. U.S. Dept. of agriculture.
Miscellaneous publication no.194, 88 p. Rev. 1946. 1 Ag84M no.194, Rev.

Poultry disease investigations at the U.S. Regional poultry research laboratory.
U.S. Dept. of agriculture. Miscellaneous publication no.609, 27 p. 1946.
1 Ag84M no.609.

Protein and mineral supplements for pigs fed wheat and barley, by R.T. Clark
and R.R. Woodward. Montana. Agricultural experiment station. Bulletin
434, 18 p. 1946. 100 M76 no.434.

Sources of improved living on family farms, by Carl P. Heisig. 9 p. 1946.
1.941 A2H36
Issued by U.S. Bureau of agricultural economics.

Strip cropping for conservation and production, by H.E. Tower and H.H. Gardner.
U.S. Dept. of agriculture. Farmers' bulletin no.1981, 46 p. 1946. 1
Ag84F no.1981.

Wild yellow mustard seed and fanweed seed as concentrate feeds for milking cows,
by J.O. Tretsvon and J.A. Nelson. Montana. Agricultural experiment station.
Bulletin 435, 11 p. 1946. 100 M76 no.435.

Forestry

Farm forestry extension, Extension subject-matter seminar conference, March 5,
1946. 1.913 F2F223
Issued by U.S. Dept. of agriculture. Extension service.

Home economics

Food consumption levels in the United States, Canada, and the United Kingdom.
Third report of Special joint committee of inquiry on food consumption levels
in the United States, the United Kingdom, and Canada of the Combined food
board (U.S. and Gt. Britain.) 58 p. 1946. 1 F735Fo

Home laundering in relation to water, water softeners, soaps and other detergents,
by Jessie E. Richardson. Montana. Agricultural experiment station.
Bulletin 432, 47 p. 1945. 100 M76 no.432.

Make-overs from leather, fur and felt, by Clarice L. Scott. U.S. Dept. of agri-
culture. Miscellaneous publication no.614, 16 p. 1946. 1 Ag84M no.614.

Housing

The suitability of stabilized soil for building construction, by Edwin L. Hansen.
Illinois. University. Engineering experiment station. Bulletin series
no.333, 40 p. 1941. 100 Ill. Eng. bul. no.333.
University of Illinois bulletin 39(17). Dec. 16, 1941.

Sorry -

AD-245's (the forms for requesting library material) are not available from
the library. Please request them from your agency supply officer.

From the library shelves - items you may have missed:

CONCRETE MANUAL, a manual for the control of concrete construction. 3d ed. 466 p. Denver, Colo., 1941. 156.85 C74

Issued by U.S. Dept. of the interior, Bureau of reclamation.

The author discusses concrete materials, mixes, inspection, sampling and other phases of the problem.

DOUGLAS FIR USE BOOK, structural data and design tables. 209 p. Seattle, Wash., 1940. 99.76 W522D

Issued by West Coast Lumbermen's association primarily for the use of engineers. Data and formulas given are technical, and should be used in knowledge of basic engineering principles.

ENGINEERING GEOLOGY, by H. Ries and Thomas L. Watson. 5th ed. 750 p. N.Y., John Wiley and sons, inc., 1936. 400 R44En

This book was intended primarily for civil engineers but should be of use to others interested in applied geology. The emphasis is on geology.

FOREMANSHIP AND SUPERVISION, by Frank Cushman. 2d ed. 238 p. N.Y., John Wiley & sons, inc., 1938. 249.3 C95 Ed.2

A practical handbook for foreman conference leaders and supervisors of vocational education.

GEOLOGY AND ENGINEERING, by Robert F. Legget. 650 p. N.Y., McGraw-Hill Book co., 1939. 290 L523

This book is the work of an engineer with the additional training of a geologist. The engineering viewpoint is stressed.

HYDRAULICS, by Ernest W. Schoder and Francis M. Dawson. 2d ed. 429 p. N.Y., McGraw-Hill Book co., 1934. 290 Sch6

The author intended this book as a text and reference book on everyday hydraulics problems. "The treatment has four stages: first, description of the physical phenomena, particularly from the engineer's viewpoint; second, development when necessary of the fundamental laws into useful formulas, but with the emphasis kept on basic facts...; third, presentation of numerous examples...; fourth, inclusion of many typical problems mostly drawn from practical engineering cases." - Preface.

PIPING HANDBOOK, by J.H. Walker and Sabin Crocker. 3rd ed. 897 p. N.Y., McGraw-Hill Book co., 1939. 291 W15

The purpose of this handbook is to provide authoritative and accessible data for the engineer interested in piping design.

RETAINING WALLS: THEIR DESIGN AND CONSTRUCTION, by George Paaswell. 275 p. N.Y., McGraw-Hill book co., 1920. 290 P11

This book includes chapters on earth pressures; gravity walls, concrete construction; drainage and waterproofing.

STREAM GAGING, by William Andrew Liddell. 238 p. N.Y., McGraw-Hill book co., 1927. 290 L81

"The purpose of this book is to present, briefly, such theories of stream-flow as bear on the subject of stream gaging, to consider practical means for applying these theories to the measurement of flow, to examine the characteristics of the various measuring devices, and to outline methods for the analysis of stream-flow data."

TIMBER SURVEY MANUAL, by O.M. Evans. 131 p. 2d ed. 1936. 1.9 F7666Ti
Issued by U.S. Dept. of Agriculture, Forest service, California
region.

WOOD PRESERVATION, by George M. Hunt and George A. Garratt. 457 p. N.Y.,
McGraw-Hill book co., inc., 1938. 300 H91

The author discusses agencies of wood deterioration; wood preservatives;
factors affecting penetration and absorption; economic aspects of preservative
treatment; properties of treated wood; treating plants and equipment; other
methods of protecting wood and fire-retarding treatments.

WOOD STRUCTURAL DESIGN DATA, Vol. I. 296 p. 1935. 99.76 N215W

Issued by the National lumber manufacturers association.

The data includes information useful in designing certain types of wood
structural members: physical, chemical and mechanical properties of wood;
timber quality; board measure; sizes and properties of American standard
lumber; beams; wood columns; plank and laminated floors; decimal equivalents;
notations and technical symbols.

PERIODICAL NOTES

Periodicals now available:

AGRICULTURAL CHEMICALS issued by the publishers of Soap and sanitary chemicals.
Of special interest to entomologists.

FARMS ILLUSTRATED a rural picture magazine for the Pacific Northwest. Patterned
after such magazines as Look and Pic.

JOURNAL OF SOIL AND WATER CONSERVATION. This magazine is published quarterly by
the Soil conservation society of America. It contains signed articles and book
reviews. Some items in the July 1946 issue are: Earthworms as a factor in the
formation of water-stable soil aggregates; Aspects of protecting storage reservoirs
by soil conservation; and Ancient irrigation on New Caledonia.

PACIFIC NORTHWEST INDUSTRY, a monthly journal of progress in business, economics
and industry.

RECLAMATION ERA was discontinued during the war. It has just been resumed. The
October 1946 issue was on the harvest and featured a look at the crops. Published
by the Bureau of reclamation.

If you wish to see one of these periodicals for official use, please notify the
librarian.

FORTUNE will be discontinued with the end of 1946. The library committee
decided it was a luxury item that could not be afforded on our budget.

Marie L. Gould
Librarian

